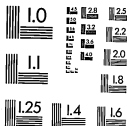




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# Thomas A Edison Papers

*A SELECTIVE MICROFILM EDITION*

*PART IV  
(1899-1910)*

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**Edison Phonograph Works Records  
Journal #5 (1908-1917)**

This journal covers the period March 1908-February 1917. Chronological entries provide information about transactions posted to various accounts and recorded in the general ledgers. The cover is stamped "Current Journal, No. 5 Edison Phonograph Works Orange, N.J." Similar information appears on the spine. The book contains 556 numbered pages.

**[REDUCTION RATIO = 16:1]**

Quincy, S. J. March, 1905

70	Account Payable	3		
101	General Expense			
	Amount of Cash Disbursements in payment of settlement of paper's during month of March 1905 as noted in Cash Book of April 1905			
	31			
101	General Expense	2		
41	Account Payable			
	Amount of Cash Disbursements for payment of Bates Note Co. of 1/2 during month of March 1905 as noted in Cash Book of April 1905			
	31			
101	General Expense	3	10000	10000
41	Account Payable			
	To transfer amount of Bates Note Co. expense for month of March 1905 from Bates Account to Receivable			
	General Ledger			
	Debit Cash Book 100.00	1		
	Credit Expense 100.00	2		
	31			
70	Account Payable	3	300	
41	Account Receivable			
	To transfer amount of settlement of 1/2 of Bates - 1/2 paid, 1/2 collected for deducted in settlement of 1/2 of Bates - 1/2 paid, 1/2 collected			
	31			
70	Account Payable	5	464	464
170	Account Payable			
	To transfer to National Honor Co. 1/2 of Bates - 1/2 paid, 1/2 collected for deducted in settlement of 1/2 of Bates - 1/2 paid, 1/2 collected			
	31			

Orange, N. J. March 1905.

✓	Drummers	31	
127	Manufacturing	6	1551.190
To amount of raw materials of hardware purchased during month of March 1905, as recorded in the Register of Expenditures folio 3 and to be charged to:-			
101	General Expense	✓	6226.15
261	Real Estate Building	✓	2536
267	Machinery & Tools	✓	76.59
269	Provisions & Groceries	✓	166.20
119	Manufacturing	✓	931.730

✓	Drummers	7	
70	Accounts Payable		8895.947
To amount of bills purchased during month of March 1905, as recorded in the Register of Expenditures folio 1-5 and to be charged to:-			
101	General Expense	✓	2937.669
261	Real Estate Building	✓	235.155
267	Machinery & Tools	✓	2333.10
269	Provisions & Groceries	✓	1627.63
119	Manufacturing	✓	5249.223
101	General Expense	✓	112.13
70	Accounts Payable	✓	6551

✓	Drummers	8	
41	Accounts Receivable		17292.12
To amount sales during month of March 1905, as recorded in Abstract of Sales folio 313 & 34 given, and to be credited as follows:-			
	General Expense 101	✓	254
	Sales 159		17292.395

Orange, N. J. March 1905.

✓	Drummers	31	
70	Accounts Payable	9	26
41	Accounts Receivable		26
To transfer the following account:-			
3	Edison Storage Battery Co.	26	
41	Accounts Receivable	10	1266.65
70	Accounts Payable		1266.65
To transfer the following account:-			
1	Edison Mfg Co.	✓	1210.25
6	Edison Storage Battery Co.	26	14
1	National Phone Co.	20	56

Aug. 31 April, 1905.

101	General Expense	30	11		
39	<p><i>Transferred to</i> <u>General Expense</u>  <i>It transfers amount representing</i>  <i>total of charges to date made against</i>  <i>\$0.495 which was incorrectly</i>  <i>distributed to</i> <u>Permitting</u> <u>General</u>  <i>instead of</i> <u>General Expense</u> <u>Comd.</u>  <i>173.32</i> <u>Labor</u>  <i>22.50</i> <u>Material</u></p>			949.2	949.2
41	Accounts Receivable	30	12		
41	<p><i>It transfers the following amount</i>  <u>1</u> <u>Pat's Acct. Recd.</u> <u>17.50</u> <u>Pat's Acct. Recd.</u>  <u>2</u> <u>New York Central</u> <u>140.00</u> <u>The Standard</u> <u>100.00</u></p>			1400.	1400.
71	Account Payable	30	13		
299	<p><i>It transfers to</i> <u>General Expense</u> <u>Comd.</u>  <i>for</i> <u>insurance</u> <u>23.30</u> <u>April</u>  <u>101</u> <u>The Insurance</u> <u>23.30</u> <u>April</u></p>			732	732
41	Accounts Receivable	30	14		
70	<p><i>It transfers the following amount</i>  <u>100</u> <u>J. S. Martin</u> <u>201.00</u></p>			230	230
41	Accounts Receivable	30	15		
41	<p><i>Received this day Apr. from the</i>  <u>W. H. Smith</u> <u>Wp. Co.</u> <u>dated Apr.</u>  <u>23, 1905</u> <u>payable</u> <u>thirty</u> <u>days</u> <u>from</u>  <u>date</u> <u>at</u> <u>the</u> <u>rate</u> <u>of</u> <u>10%</u> <u>per</u> <u>annum</u>  <u>payment</u> <u>of</u> <u>10%</u> <u>to</u> <u>April</u> <u>1st</u> <u>1905</u>  <u>1</u> <u>Pat's Acct. Recd.</u> <u>234.75</u> <u>Pat's Acct. Recd.</u>  <u>50</u> <u>Pat's Acct. Recd.</u> <u>234.75</u> <u>The Standard</u></p>			2346.7	2346.7

Orange, N.J. April, 1905.

111 Accounts Receivable	30	16	✓	469	
41	Accounts Receivable			✓	469
To transfer the following amounts					
1	Patent Licenses Received by Pat. Office	100			
3	Expenses	91			
		25			
		350			
		100			
		100			
101 General Expense	30	17	✓	13500	
41	Accounts Receivable			✓	13500
To transfer amount of 100					
Extra Expense for month of April					
1905 from Patent Accounts Receivable					
to General Expense					
1	Patent License Expense	125	✓		
2	Patent Office Expense	125	✓		
71 Accounts Payable		18	✓	4552	
41	Accounts Payable			✓	4552
To transfer the following account					
1	Thomas W. Edwards	45.52	✓		
111 Accounts Payable		19	✓	168	
41	Accounts Payable			✓	168
To transfer the following account					
5	Edison Chemical Works	1.68	✓		
111 Accounts Receivable		20	✓	3734	
41	Accounts Receivable			✓	3734
To transfer the following account					
1	Patent License Received by Pat. Office	37.34	✓		
1	Patent License Received by Pat. Office	37.34	✓		
1	Patent License Received by Pat. Office	37.34	✓		
111 General Expense		21	✓	3054	
41	Accounts Receivable			✓	3054
Amount of Cash Account allowed					
for prompt payment of 100 May be					
applied in month of April 1905, as					
noted in cash book & balance of 30					
30.54 Patent License Received					

Orange, N.J. April, 1905.

71 Accounts Payable	30	23	✓	184	
101	General Expense			✓	184
Amount of Cash Account					
deducted in prompt settlement					
of 100 during month of April					
1905 as noted in Cash Book & balance					
71 Accounts Payable		23	✓	1058	
41	Accounts Payable			✓	1058
To transfer the following account					
3	Edison Storage Battery Co	1058	✓		
✓	Surplus	24			
71 Accounts Payable		25	✓	12396.177	
41	Accounts Payable			✓	12396.177
To amount of bill received during					
month of April 1905, as recorded in					
the Register of Government, folio					
7-21, and to be charged to					
101 General Expense			✓	36012.14	
241 Cash Balance of 100			✓	2792.20	
241 Cash Balance of 100			✓	672.50	
241 Cash Balance of 100			✓	524.54	
241 Cash Balance of 100			✓	8350.891	
241 Cash Balance of 100			✓	16370	
71 Accounts Payable			✓	8760	
41	Accounts Payable		✓	8760	
41 Accounts Receivable		25	✓	111273364	
To amount of Sales during month					
of April 1905, as recorded in White act					
of Sales, folio 347 to 356, and to be					
credited as follows					
General Expense	101		✓	237	
Sales	109		✓	111273364	
71 Accounts Payable		26	✓	15726.59	
41	Accounts Payable			✓	15726.59
To transfer the following account					
1	Edison Imp. Co.	15726.59	✓		
14	Edison Imp. Co.	35.44	✓		
1	Cash from Co.	17094.21	✓		

Grange N.J. April 1908

✓ Drudrice

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Manufacturing

For amount of raw material purchased during month of April 1908 as recorded in the books of Disbursement for 1908 and to be charged to -

101. General Expense261. Real Estate & Bldg247. Machinery & Tools233. Disbursement by Disburse174. Manufacturing41. Accounts Receivable41. Accounts Receivable

To transfer the following amount

1. Pat. Acct. Debit 08. Martin & Son 24.100100. Martin & Son 24.100

30

37

+ 2013190

4799.50

61.52

119.65

321.76

14132.37

33

08

08

Grange N.J. May 1908

41. Accounts Receivable

41

30

30

Accounts Receivable

To transfer note dated April 22, 1908 from the B.H. Smith Mfg Co payable thirty days from date at Springfield National Bank, Springfield, Mass. for payment of \$100 to April 1, 1908. Covered by note dated May 22, 1908.

1. Pat. Acct. Debit 234.12. Pat. Acct. Debit 11. The B.H. Smith Mfg Co 234.12. Pat. Acct. Debit 141. Accounts Receivable

41

30

Accounts Receivable

Noted dated May 22, 1908 for \$34.67 from the B.H. Smith Mfg Co payable thirty days from date at Springfield Natl Bank, Springfield, Mass. in payment of \$4 to April 1st, 1908.

1. Pat. Acct. Debit 234.12. Pat. Acct. Debit 152. Pat. Acct. Debit 234.12. The B.H. Smith Mfg Co 141. Accounts Receivable

41

31

Accounts Receivable

Noted dated May 16, 1908 for \$64.55 from the firm of Taylor Bros payable four months from date at Central National Bank, Cleveland, Ohio in payment of account to May 1st, 1908.

1. Pat. Acct. Debit 64.55. Pat. Acct. Debit 152. Pat. Acct. Debit 64.55. Taylor Bros 241. Accounts Receivable

41

32

Accounts Receivable

To transfer the following items

1. Pat. Acct. Debit 14. Pat. Acct. Debit 1

3. Disburse 12. for Disburse 102.

Orange J. May 1908.

30	62		
11	<u>Accounts Payable</u>	✓	35
71	<u>Accounts Payable</u>		35
	<i>To transfer the following:</i>		
1	<i>Pat. Act. Books 65</i>		
100	<i>United State Equities 35</i>	107.1	
	<u>34</u>		
41	<u>Accounts Payable</u>	✓	1.31
41	<u>Accounts Payable</u>		1.31
	<i>To suspend the following amount</i>		
1	<i>Pat. Act. Books 1 &amp; 2 Pat. Act. Books 1</i>		
3	<i>Suspense 1% Int. Mfg. Co. 100</i>		
	<u>35</u>		
271	<u>Pat. Pay. Co.</u>	✓	4550.16
71	<u>Accounts Payable</u>		4550.16
	<i>To pay off 7% of Gyr. Electric Co. per instructions of W. C. Blumie, C.M.</i>		
	<i>4/27/08</i>		
	<i>Gyr. Electric Co. 4550.16 201</i>		
	<u>36</u>		
71	<u>Accounts Payable</u>		373
41	<u>Accounts Payable</u>	✓	373
	<i>To transfer amount of suspense 76</i>		
	<i>May, representing collection for</i>		
	<i>deducted by Watson, Stuffer, Davis &amp;</i>		
	<i>Realty, Attorneys from suspense</i>		
	<i>account on their balance statement of 76</i>		
	<i>of Nitchelle Paper Co.</i>		
20	<i>Watson, Stuffer, Davis &amp; Realty, 76 Pat. Act. Books</i>		
	<i>31st Attorney's</i>		
	<u>37</u>		
41	<u>Accounts Payable</u>	✓	2034
41	<u>Accounts Payable</u>		2034
	<i>To transfer the following account:</i>		
1	<i>Pat. Act. Books 20.34 2 Pat. Act. Books 1</i>		
3	<i>Attorney's Account to 20.34 Allen Stuffer Co. 51.1</i>		
	<u>38</u>		
71	<u>Accounts Payable</u>	✓	1756
101	<u>Accounts Payable</u>		1756
	<i>Amount of Cash Account deducted in</i>		
	<i>prompt settlement of clearing money</i>		
	<i>of May 1908, notes in Cash Book 74 and 34, 46, inc.</i>		

Orange, N. J. May 1908

101	<u>General Expense</u>	39		2458
12	<u>Accounts Receivable</u>			2458
	Amount of Cash Discount allowed for prompt payment of Gates Mfg Co. ap during month of April 1905 as noted in Cash Book & following item 1 24 1/2 Gates Coal Co. 1			
12	<u>Accounts Receivable</u>	40		9327.25
	<u>Sundry</u>			13.55
	Amount of Sales during month of May 1905 as recorded in Abstract of Sales for the month, and to be credited as follows.			
	<u>General Expense</u>	101		13.55
	<u>Sales</u>	157		9327.100
71	<u>Accounts Payable</u>	41		18231
	<u>Accounts Payable</u>	71		18231
	To transfer to National Phon Co. for our bill A No. 9168-9702-9711 same are to be deducted in remittances 1 National Phon Co. 182 1/2 Green Island Co. 8			
101	<u>General Expense</u>	42		10000
12	<u>Accounts Receivable</u>			10000
	To transfer amount of Gate Sales Expense for month of May 1905 from Gate Accounts Receivable to Ledger 1 Gate Coal Co. 100 00 2 Extra Expense 100 00			
71	<u>Accounts Payable</u>	43		5147.53
12	<u>Accounts Payable</u>			5147.53
	To transfer the following amount			
1	<u>General Phon Co.</u>	51,571.53		1
1	<u>Phon Co. Edison</u>	4.17		3
8	<u>Edison Portland Cement Co.</u>	74		4
1	<u>Edison Mfg Co.</u>	337.19		3
1	<u>Edison Business Phon Co.</u>	63.57		14

Grange N.J. May 1905

✓	<u>Sundry</u>	44	
11	<u>Accounts Payable</u>		1149.33 97
	To amount of bills vouchered during month of May 1905, as recorded in the Registry of Disbursements, folios 11 to 22 inc, and to be charged to		
101	<u>General Expense</u>	✓ 35069.04	
241	<u>Coal &amp; Gas for Building</u>	✓ 2105.20	
244	<u>Machinery &amp; Tools</u>	✓ 311.79	
231	<u>Furniture &amp; Fixtures</u>	✓ 1166.13	
245	<u>Stability Insurance &amp; Premiums</u>	✓ 57.63	
24	<u>General Notes for Interest &amp;c</u>	✓ 1070.35	
251	<u>National Phone Co. Interest &amp;c</u>	✓ 1545.65	
302	<u>Salaries</u>	✓ 247.71	
121	<u>Manufacturing</u>	✓ 10051.235	
181	<u>Salaries</u>	✓ 235.21	
71	<u>Accounts Payable</u>	✓ 59.200	

✓	<u>Sundry</u>	45	
12	<u>Manufacturing</u>		1607.75
	To amount of New Material Grange vouchers during month of May 1905, as recorded in Registry of Disbursements folio 22 and to be charged to		
101	<u>General Expense</u>	✓ 374.99	
241	<u>Coal &amp; Gas for Building</u>	✓ 232.23	
244	<u>Machinery &amp; Tools</u>	✓ 5.22	
231	<u>Furniture &amp; Fixtures</u>	✓ 266.23	
121	<u>Manufacturing</u>	✓ 11950.11	

Grange N.J. June 1905

✓	<u>Sundry</u>	30	
305	<u>Fidelity Trust Co. Insurance</u>	46	113.55
	<u>Insurance Premiums</u>		113.55
	To charge Fidelity Trust Co. account with above amount as same comes interest allowed by them on insurance received funds to date		
✓	<u>Sundry</u>	37	
	<u>Insurance Premiums</u>	47	873.240
	To transfer the following accounts		
241	<u>Insurance Premiums</u>	✓ 1235.16	
245	<u>Stability</u>	✓ 407.26	
301	<u>Transportation</u>	✓ 9000	
✓	<u>Accounts Receivable</u>	48	58
	<u>Accounts Payable</u>	71	58
	To transfer to Accts Receivable ledger with Bill 4, 13 & 14 9153		
100	<u>H. H. Dyke</u>	58	201
71	<u>Accounts Payable</u>	49	266.00
	<u>Accounts Receivable</u>	42	266.00
	To transfer the following		
101	<u>General Expense</u>	50	1000.00
	<u>Accounts Receivable</u>	42	1000.00
	To transfer amount of Bates Extra Expense for month of June 1905 from Bates Accounts Receivable to General ledger		
	<u>Bates Accounts Receivable</u>	✓ 100.00	
	<u>Bates Extra Expense</u>	✓ 100.00	
71	<u>Accounts Payable</u>	51	74
	<u>Accounts Payable</u>	71	74
	To transfer to National Phone Co. Account our bill for same to be deducted in next month		
1	<u>National Phone Co.</u>	74	Edison Portland 1000.00



Orange N. J. June 1908

71 Accounts Payable 30	52	2264892	
To transfer the following amounts	Accounts Receivable 42	12264892	
1 National Phonograph Co 23827.05 46			
4 Edison Mfg Co 1122.69 2			
6 Edison Business Records 55.44 1.4			
71 Accounts Payable 30	53	300	
To transfer to Bates Mfg Co's Attorney	Accounts Receivable 42	300	
the amount of our voucher & June being the			
deducted collection of all bills stamped on bills			
201 New York City 1300 Bates Accounts Receivable 1			
1300 Attorney's Office 8			
71 Accounts Payable 30	54	144	
To transfer the following account	Accounts Receivable 42	144	
1 Thomas A Edison 3			
300 Insurance Reserve Fund 50	55	300	
To credit the with amount of Voucher # for	General Expense 101	300	
February 1908. Charge should have been against			
Insurance Reserve Fund (liability)			

Orange N. J. July 1908

47 Accounts Receivable 31	56		
To transfer the following account	Accounts Payable 71	50	50
100 Wm. Brinman 50	Wm. Brinman 71		
47 Accounts Receivable 31	57	3600	
To transfer the following accounts	Accounts Receivable 47	3600	
1 Bates Accounts Receivable 800	Bates Accounts Receivable 1		
8 Attorney's Account 25.00	S. L. Miller Co 59		
	Green Print 100		
47 Accounts Receivable 31	58	24	
To suspense the following item	Accounts Receivable 47	24	
1 Bates Accounts Receivable 24	Bates Accounts Receivable 1		
3 Suspense 74	Frank R. Brown 50		
47 Accounts Receivable 31	59	205	
To transfer the following items, same parties	Accounts Receivable 47	205	
1 Bates Accounts Receivable 205	Bates Accounts Receivable 1		
100 The Milton Milob 38	O. J. Richoff 50		
101 Everett Wadley Co 167	E. Wadley Co 50		
47 Accounts Receivable 31	60	33	
To transfer the following item	Accounts Receivable 47	33	
1 Bates Accounts Receivable 33	Bates Accounts Receivable 1		
50 Kelly, Benson Co 33	Suspense 3		
101 General Expense 61	7500		
To transfer amount of Bates Extra Expense for the	Accounts Receivable 47	7500	
month of July 1908 from Bates Accounts Receivable			
to General Ledger			
Bates Accounts Receivable \$75.00			
Bates Extra Expense 75.00			

Orange N.J. July 1908

71 Accounts Payable	31	62	11845.17	11845.17
To transfer above amount (Voucher #17) July 7 to General Ledger				
101 Insurance Received July 11 1845.2				
71 Accounts Payable		63	7878	7878
To transfer the following item				
6 Essex Press	7878	Essex Press	51	
71 Accounts Payable		64	03	03
To transfer the following account				
1 Thomas A. Edison	.03		3	
71 Accounts Payable		65	639	639
To transfer the following account				
3 Edison Storage Battery Co. 1/20				
71 Accounts Payable		66	1436837	1436837
To transfer the following amounts				
1 National Photographic Co.	165966	1/68		
1 Edison Corp.	215266	7		
1 Edison Storage Battery Co.	444	14		
71 Accounts Payable		67	3148984	3148984
To transfer above amount from the account of National Photographic Co. Commercial Photo. the account of National Photographic Co.				
1 National Photographic Co. 1/18 1845.2				

Orange N.J. August 1908

130 Manufacturing	31	68	9556	9556
To transfer cost of Shop Order #334 which was distributed in order to Machinery Shop				
orders of Miscellaneous orders; Shop order was charged to North Phone Co. on bill 013114				
July 1908 and credited to latter account				
121 Miscellaneous Orders	9556			
204 Special Account	31	69	200000	200000
To cancel Journal entry entered June 1907 instructions of Mrs. Byer				
71 Accounts Receivable		70	1884	1884
To transfer the following account				
1 Bate Accounts Receivable	1884	Bate Accounts Receivable	1	
8 Attorney's Account	1867	Worms & Henry	100	
9 Suspense Account	800	C. L. Miller Co.	52	
104 Machinery Repairs Co.	17	R. L. Bates	50	
71 Accounts Receivable		71	800	800
To transfer the following account				
1 Bate Accounts Receivable	800	Bate Accounts Receivable	1	
52 C. L. Miller Co.	600	Attorneys Account	8	
71 Accounts Receivable		72	2500	2500
To transfer balance drawn note of the Valentine Stamp Co. dated Dec 26 1907				
1 Bate Accounts Receivable	2500	Bate Accounts Receivable	1	
100 Valentine Stamp Co.	2500	Bate Note Receivable	52	
71 Accounts Payable		73	301	301
To transfer the following account				
3 Edison Storage Battery Co.	301			

Orange N.Y. August 1908

71 Accounts Payable	31	73 ✓	400	400
To transfer the following account				
701 Burke Electric Co	400	Burke Electric Co	100	
112 Accounts Receivable		75 ✓	2273.22	2273.22
To transfer the following amounts				
116 National Phone Co	120.00			
119 Edison Mfg Co	964.28			
1 Edison Business Phonos	26.94			
109 Bond Interest		76 ✓	600000	600000
For amount of Bond Interest due this day on Coupon No 22				

Orange N.Y. September 1908

112 Accounts Receivable	130	77	486.	486
To transfer the following account				
1 Bate Acct Receivable	486	Bate Acct Receivable	1	
3 Suspense Account	486	Jess D. Barnard Co	5	
112 Accounts Receivable	14	78	1067.	1067
To transfer the following account				
1 Bate Acct Receivable	1067	Bate Acct Receivable	1	
100 Norman J. Henry	1067	Attorneys Account	8	
112 Accounts Receivable	30	79	27.	27
To transfer the following accounts				
1 Bate Acct Receivable	27	Bate Acct Receivable	1	
104 H. M. Burnham	06	Suspense Acct	3	
107 First Nat Bank	10			
107 R. P. Schaffertson	04			
100 Williams Bank Co	07			
247 Machinery Tools	30	80	1117.14	1117.1
To correct distribution of Special S O No 69 due to faulty wording of same				
	111.7	Miscellaneous	122	
71 Accounts Payable	30	81	200.	200
To transfer the following account				
701 Burke Electric Co	200			
112 Accounts Receivable	30	82	6119.27.	6119.27
To transfer the following amounts				
119 Edison Mfg Co	5700.73			
1 Edison Business Phonos	46.34			
116 National Phone Co	369.20			



Orange, N. J. November 1908

113 Accounts Receivable	90
To transfer the following amount	
1 Bal. Debt Receivable 94	
100 Pioneer Hat Works 94	
137 Accounts Payable	91
To transfer of J. L. Edison from	
Edison Mfg. Co. ledger	
13 Edison & Edison 24.25	
137 Accounts Payable	92
To transfer the above amount	
1 National Phonograph Co 4908.87	
137 Accounts Payable	93
To transfer the following amount	
1 Thomas A. Edison 14.5	
3 Edison Storage Battery 3.61	
5 Edison Chemical Works 94.44	
113 Accounts Receivable	94
To transfer the following amount	
119 Edison Mfg. Co 2675.29	
6 Edison Business Phone Co 123.05	

94	94
29.21	29.21
4908.87	4908.87
98.49	98.49
2780.41	2780.41

Orange, N. J. December 1908

113 Accounts Receivable	95
To transfer the following amount same parties	
1 Bal. Debt Receivable 20.57	
100 Pioneer Hat Works 175	
100 O. H. Patton 94.44	
100 O. H. Patton 94.44	
137 Accounts Payable	96
To transfer of J. L. Edison from	
Edison Mfg. Co. ledger	
13 Edison & Edison 24.25	
137 Accounts Payable	97
To transfer the following amount	
1 J. A. Ryan 24.00	
3 Edison Storage Battery 16.03	
5 Edison Chemical Works 114.56	
113 Accounts Receivable	98
To transfer the following amount	
119 Edison Mfg. Co 2675.29	
6 Edison Business Phone Co 566.31	
114 National Phone Co 7566.28	
137 Accounts Payable	99
To transfer the above amount representing	
debit balance appearing in the account	
of J. A. Edison to Nov 14 Co National Phone	
Co ledger	
1 National Phone Co 2678.33	

Orange, N.J. January 1909

43 Accounts Receivable 30  
Accounts Receivable 100  
 To transfer the above amount which represents  
 due my National Phonograph London Office to the  
 Radio Mfg Co. on Dec 31st 1908 as per London  
 letter dated Jan 12th 1909 attached to Natl Phone  
 Co's Ltr # 3736  
 1 Natl Phone Co (Orange) 36 Radio Accts Receivable 1  
 36 Natl Phone Co Ltd London 100

43 Accounts Receivable 30  
Accounts Receivable 101  
 To transfer the following amount  
 1 Radio Accts Receivable 1667 Radio Accts Receivable 1  
 50 W. P. Smith 36 Dr. Forest & Associates 50  
 106 Barnhart Typography 04 Suspense Acct 3  
 1 Eng. Railroad Co 10  
 3 Suspense Acct 17 Trans American Pub. Co 101  
 104 Hoffman Stamp Works 6.00 Associated Merchants 51  
 3 Suspense Acct 800 Hoffman Stamp Works 105

102 General Expenses 30  
Accounts Receivable 43  
 To transfer amount of Radio Extra Expense for  
 the month of January 1909 from Radio Accounts  
 Receivable to General Expenses  
 Radio Accts Receivable 100.00 1  
 Radio Extra Expense 100.00 2

72 Accounts Payable 30  
Accounts Receivable 43  
 To transfer the above amount  
 103 Public Printers 50 Radio Accts Receivable 1  
 50 Public Printers 50

43 Accounts Receivable 30  
Accounts Payable 72  
 To transfer the following accounts  
 103 Edison Mfg Co 257.61 2  
 6 Edison Business Records 107.35 1.2  
 104 National Phonograph 337.77 1

36

36

1667.

1667

100.00

100.00

55

55

5950.63

5950.63

Orange, N.J. January 1909

72 Accounts Payable 30  
Accounts Receivable 43  
 To transfer the following amount  
 1 Edison Chemical Works 5510

5510

5510

Orange, N.J., February 1909

199 Bond Interest	2	106	5700.00	✓	5700.00
<u>Unpaid Bond Interest</u> 210					
For amount of Bond Interest due this day on Coupon No 23.					
109 Sales	27	107	497.41	✓	497.41
<u>Sales</u> 109					
To transfer the above amount distributed in even, in Bate's Abstract to Bate's Merchandise of Automatic Sewing Machine during month of December 1908 January & February 1909 and covered by Bill Nos 02717 to 06542 and another credit No 0100 to 0272 Bond.					
21 Bate's Merchandise	✓	497.41	Automatic Sewing Machine 181.6		
102 General Expense	27	108	100.00	✓	100.00
<u>Accounts Receivable</u> 43					
To transfer amount of Bate's General Expense for the month of February 1909 from Bate's Abstract Receivable to General Expense.					
Bate's Accounts Receivable 100.00					
Bate's General Expense 100.00					
72 Accounts Payable	27	109	1.68	✓	1.68
<u>Accounts Payable</u> 72					
To transfer unclaimed balance standing in P. of R. M. Change.					
201 R. M. Change	165	Supplies	1.22		
43 Accounts Receivable	27	110	638.36	✓	638.36
<u>Accounts Payable</u> 72					
To transfer the above amount					
6 Edison Business Photographs	638.36				
29 Profit Taxes	27	111	31.44	✓	31.44
<u>Accounts Receivable</u> 43					
To write off amount of Bate's Supplies account for fiscal year ending February 27th 1909					
Bate's Accounts Receivable 31.44					
Bate's Supplies 31.44					

Orange, N.J., February 1909

43 Accounts Receivable	27	112	1403.4	✓	1403.4
<u>Accounts Receivable</u> 43					
To transfer the following amounts					
1 Bate's Accounts Receivable	140.34	Bate's Accounts Receivable	1		
106 Riley Bros Inc	50	Riley Bros Inc	106		
51 H. S. Goodman Co	400	A. C. Hardy & Son	103		
100 American Wood Working Co	15	Supplies	3		
3 Supplies	3	Allegany Edison	50		
3	3	Buck Branch Co	104		
3	3	Ray B. Clark Co	51		
3	3	Edith Printing Co	50		
3	3	J. P. Hayes	100		
3	3	William A. Huston	100		
3	3	Indiana Hotel Co	101		
3	3	Long Hand Works	102		
3	3	The Miller Lumber	100		
3	3	New Century Ptg Co	100		
3	3	Pioneer Hotel Works	100		
101 South Fork Coal Mining Co	17	Supplies	3		
106 Sunday Book Bindery	12		3		
8 Attorney General	470	Edward Kimpton	3		
✓	27	113	1403.4	✓	1403.4
<u>Manufacturing</u> 130					
To alter distribution of Ship Orders #2800-2811-2978-2985 + 3015. Bills for this work against Business Phone Co. cancelled by Mr. Ogden's instructions					
107 General Expense	1087.44				
280 Mark & Tools	57.44				
<u>Miscellaneous</u> 914.95					
Photograph 159.91					
<u>Detail of General Expense</u>					
Maintenance of Tools 903.53					
Experimental 159.91					
Pattern & Drawings 20.93					

Orange, N.J. February 1909

✓ <u>Sundries</u> 27	114	542v	✓	542
<u>Manufacturing</u> 130				
To alter distribution of Ship Order* 2000-Edison works to accounts below. It was decided by Mr Burr that no change should be made to the Edison Business Photograph Co. 200 Machinery Tools 4.35v 102 Rent Exp. (Edison) 57v				
<u>Miscellaneous</u> 542.127v				
72 <u>Accounts Payable</u> 27	115	13275v	✓	13275
<u>Accounts Payable</u> 72				
To transfer above amount representing balance appearing in the A/c of the Edison Portland Cement Co from National Phone Co ledger National Phone Co 1/27 Edison Portland Cement Co 5				
72 <u>Accounts Payable</u> 27	116	9605v	✓	9605
<u>Accounts Receivable</u> 43				
To transfer the following accounts				
3 Edison Storage Battery Co 95.35 2				
1 Thomas A. Edison 67 3				
43 <u>Accounts Receivable</u> 27	117	3034232v	✓	3034232
<u>Accounts Payable</u> 72				
To transfer the above amount				
14 National Phone Co 20422.22v				
14 Edison Mfg Co 9919.90 2				
320 <u>Insurance Reserve</u> 27	118	2316v	✓	2316
<u>Accounts Payable</u> 72				
To transfer Fire Ins. Co				
Fire Ins. 28 1/2 117				
72 <u>Accounts Payable</u> 27	119	1238v	✓	1238
<u>Profit &amp; Loss</u> 279				
To transfer balance of as shown in accounts Payable ledger				
117 <u>Expenses</u> 1238				

Orange, N.J. February 1909

72 <u>Accounts Payable</u> 27	120	92015v	✓	92015
<u>Profit &amp; Loss</u> 279				
To transfer unclaimed wages				
✓ Unclaimed Wages 1920.15				
279 <u>Profit &amp; Loss</u> 27	121	5308672v	✓	5308672
<u>Sundries</u> 121				
To transfer the following accounts to Profit & Loss				
Edison Mfg Co, Int. Exp. 3579.68 59v				
Bond Subject 11700.00 199v				
Wall Phone Co, Int. Exp. 37555.75 251v				
Salvage 25229.303v				
159 <u>Sales</u> 27	122	2641778v	✓	2641778
<u>Sales</u> 159				
To transfer following accounts				
241 Scrap 26417.85v				
221 Japanning .13v				
Photographs 26417.78 1 ✓				
27				
130 <u>Manufacturing</u> 27	123	3230v	✓	3230
<u>Manufacturing</u> 130				
To transfer accounts below				
122 <u>Miscellaneous</u> 3230				
✓ Sunday Shop Order 321				
130 <u>Manufacturing</u> 27	124	676922v	✓	676922
<u>Manufacturing</u> 130				
To charge losses with balance of Japanning account, less amount shown by Inventory				
✓ Losses 6769.22v				
Japanning 222				
27				
119 <u>Sales</u> 27	125	41940v	✓	41940
<u>General Expenses</u> 117				
To transfer as shown below				
161 Box Factory 4194.00				



Orange, N.J. February 1909

130 Manufacturing	27	126	11601154
Manufacturing	130		✓ 11601155
To charge Phonograph account with difference in Raw Material account as shown by Inventory of Feb 28 <sup>th</sup> 09			
✓ Phonographs	11601.15	✓ Raw Materials	110
130 Manufacturing	27	127	12169484
General Expense (P&O)	107		✓ 12169485
To credit Packing & Shipping with difference of Raw Factory account as shown by Inventory of Feb 28 <sup>th</sup> 09			
✓ Raw Factory	12169.48		
130 Manufacturing	27	128	11384954
General Expense	107		✓ 11384955
To transfer expenses directly chargeable to Radio Mfg. Co's business for fiscal year ending Feb 28 <sup>th</sup> 1909			
✓ Auto. M. Machines	11384.95		
130 Accounts Receivable	27	129	170100714
Salvo			✓ 17010071
To charge Natl. Phon. Co. with an amount to make profit on Phon. & Raw accounts equal 15% of Labor & Material plus General Expense and Appreciation			
	Labor	Raw	15%
Lab.	536.02402	115.57677	420.44725
Raw.	1526.77408	489.46268	1137.31140
			170582.72
			333,152.73
Credit shown by Books			
Lab.	114.75471		
Raw.	31.23459		13,070.02
✓ Natl. Phon. Co.			170100.71
1	Credit Phon.	221,820.88	✓
41	debit Ray	51,720.17	✓

Orange, N.J. February 1909

130 Manufacturing	27	130	494374674
General Expense			✓ 49437467
To distribute General Expense (Pro. ratio) over the following manufacturing accounts			
	Percentages		2096697
✓ Phonographs	30.5.886.77		
✓ Auto. M. Machines	6.440.23		
✓ Raw	96.974.68		
✓ Miscellaneous	12.890.45		
✓ Saw Motors	104.68		
✓ Org. Kineto.	19.642.18		
✓ Cabinets	52.435.68		
130 Sales	27	131	1990946414
Manufacturing			✓ 199094641
To transfer cost of goods sold during fiscal year ending Feb 28 <sup>th</sup> 1909 as shown by Inventory			
1	Phonographs	✓	1137,221.2147
131	Auto. M. Machines	✓	42,351.20484
41	Radio Mfg.	✓	1,147,46.81
41	Raw	✓	420,450.25474
41	Miscellaneous	✓	65,012.84474
41	Saw Motors	✓	1,806.97474
41	Org. Kineto.	✓	92,828.02474
201	Cabinets	✓	221,839.69474
61	Material Sales	✓	8,088.74461
130 Sales	27	132	285887294
Profit & Loss			✓ 28588729
Profits & Losses realized during fiscal year ending Feb 28 <sup>th</sup> 1909			
1	Phonographs	✓	170,582.19
131	Auto. M. Machines	✓	7,197.28
41	Radio Mfg.	✓	1,414.50
41	Raw	✓	63,067.54
41	Miscellaneous	✓	17,977.25
41	Saw Motors	✓	370.40
31	Org. Kineto.	✓	9,350.03
61	Material Sales	✓	1,049.03
201	Cabinets	✓	15,618.87

Orange N.J. February 1909

279 Profit Loss

27

133

✓ 5480063

5480063

Sundries

To deposit the following amounts

Customable 25% 2,250.00 ✓  
 Furniture & fixtures 7679.10 ✓  
 Machinery tools 10% 4489.53 ✓  
 750.

Orange N.J. March 1909

✓ Sundries

31

134

Manufacturing

130

4188146

To transfer to the proper accounts amounts  
 appearing on vouchers dated when which were  
 originally charged to Raw Material Life

102	General Expense		✓	3604.17
250	Machinery tools		✓	256.19
130	Manufacturing		✓	38921.08
162	Box Factory	9087.28 ✓		
472	Wax	13016.45 ✓		
182	Auto Machine	6490 ✓		
21	Belt Maker	14170 ✓		
7	Photograph	12277.67 ✓		
231	Sundry Expenses	2110 ✓		
122	Miscellaneous	1451 ✓		
202	Cabinet	2467.14 ✓		
		2,700.00		

Raw Material 4188146 103 ✓

Retail

Voucher			
Mech & Machy Tools	45.50	Forwarded	6774.48
7 Box Factory	4875	Box Factory	545
8	128493	55 Photograph	1534.00
9	82720	56	2105.05
14 Gen Exp P&A	10081	57	1088.64
17 Machy Tools	725	58 Cabinet	2672.25
21 Gen Exp Mfg	3968	59 Wax	347.87
22	2188	60 Box Factory	97.50
24 Wax	1086	61 Gen Exp Mfg	175
26 Auto Machine	1850	62 Photograph	18657
Belt Maker	6500	63	1862.25
29 Photograph	12549	64 Box Factory	815.98
30 Gen Exp Mfg	75	65	5719.3
40	2444	66	1264.18
41 Box Factory	51670	67	671.35
45 Photograph	12375	68	668.53
47 Gen Exp Mfg	2040	69	36.00
48 Wax	337570	70	60.00
49 Gen Exp Mfg	975	71	9197
50	5611	72	103.25
Forwarded	6774.48	Forwarded	23647.90

Orange, N.J. March 1909

Detail

Forwarded 2164.90	Forwarded 29,399.18
120 <sup>th</sup> Jan. Exp. Mfg	4500 Jan. Exp. Mfg
127 Cabinet	104.00
128 Photograph	348.60
129 Jan. Exp. Oil	4.50
131 - - - - -	36.45
132 - - - - -	13.20
133 - - - - -	6.75
135 - - - - -	29.43
136 - - - - -	23.64
137 Cabinet	8.60
138 Jan. Exp. System	23.34
139 - - - - -	12.41
140 - - - - -	41.41
141 - - - - -	2712.50
142 Jan. Exp. Mfg	10.23
143 - - - - -	118.37
144 - - - - -	9.01
145 - - - - -	7.70
146 - - - - -	65.00
147 - - - - -	16.70
148 Cabinet	2.60
149 Jan. Exp. Mfg	25.39
150 - - - - -	4.4
151 Jan. Exp. Mfg	69.07
152 - - - - -	3.46
153 - - - - -	1110.42
154 - - - - -	79.61
155 - - - - -	105.83
156 - - - - -	22.17
157 - - - - -	112.5
158 - - - - -	29.3
159 Jan. Exp. Mfg	16.80
160 - - - - -	27.50
161 - - - - -	11.56
162 Cabinet	19.360
163 Jan. Exp. Mfg	72.28
164 - - - - -	41.60
165 - - - - -	27.00
166 - - - - -	76.70
167 - - - - -	20000
168 - - - - -	24,399.18

Orange, N.J. March 1909

107 General Expense	31	135	✓	100.00	100.00
Accounts Receivable					
To transfer amount of Rati Extra Expense for the month of March 1909 from Rati Accounts Receivable to General Ledger					
Rati Accts Receivable 100.00					
Rati Extra Expense 100.00					
31					
112 Accounts Payable	31	136	✓	207.90	207.90
Accounts Payable					
To transfer the account of Sloan Cheese Mfg Co from Edison Business Photograph Co. Bill to Edison Photograph Works ledger, account of Sloan Cheese Mfg Co making an assignment of the above amount to the Edison Photograph Works on March 26 <sup>th</sup> 1909					
10 Sloan Cheese Mfg Co 207.90 Edison Business Photo Co					
31					
113 Accounts Receivable	31	137	✓	2.54	2.54
Accounts Receivable					
To transfer the following amounts					
1 Rati Accts Receivable 2.54 Rati Accts Receivable					
3 Expense Mfg 04 Barnhart Information 1.06					
3 2.50 Thompson Steam Laundry					
31					
112 Accounts Payable	31	133	✓	1.56	1.56
Accounts Payable					
To transfer the following account					
3 Edison Storage Battery Co 1.56					
31					
112 Accounts Receivable	31	139	✓	9033.77	9033.77
Accounts Payable					
To transfer above amount					
10 Edison Mfg Co 2166.50					
62 Edison Business Photo Co 13.08					
149 National Photo Co 6180.34					

Orange T. J. April 1909

72 Accounts Payable 30 Accounts Payable 140 ✓

To transfer above amount representing

balance appearing in the account of the Rubber

Electric Co to National Phone Co Ledger

1 National Phone Co 10.50 ✓ Rubber Electric Co 10.50 ✓

102 General Expense 30 Accounts Receivable 141 ✓

To transfer amount of Rubber Extra Expense

for the month of April 1909 from Rubber Accounts

Receivable ledger to General ledger

Rubber Accts Receivable 125.00 1

Rubber Extra Expense 125.00 2

43 Accounts Receivable 30 Accounts Receivable 142 ✓

To transfer the following accounts:

1 Rubber Acct Receivable 12.50 ✓ Rubber Acct Receivable 1

107 Bachman Turner Co 17.50 ✓ Bachman Turner Co 107

107 Porter Wright Co 91.00 ✓ Porter Wright Co 107

3 Swayne Bates 50.00 ✓ W. Plaster 50.00

72 Accounts Payable 30 Accounts Receivable 143 ✓

To transfer the following accounts:

1 Rubber Electric Co 3.00 ✓

3 Edison Storage Battery Co 71.20 ✓

43 Accounts Receivable 30 Accounts Payable 144 ✓

To transfer above amount

1-10 Edison Mfg Co 13509.79 ✓ 2

6 Edison Business Phone Co 292.18 ✓ 14

1-10 National Phone Co 474.00 ✓ 1

15.50

15.50

125.00

125.00

1219

1219

2420

2420

3377.44

3377.44

Orange T. J. May 1909

305 Insurance Reserve Fund 31 Accounts Receivable 145 ✓

To correct distribution of Vouchers #310 and

#311 February

107 General Expense 31 Accounts Receivable 146 ✓

To transfer amount of Rubber Extra Expense for the

month of May 1909 from Rubber Accounts Receivable

ledger to General ledger

Rubber Accounts Receivable 100.00 1

Rubber Extra Expense 100.00 2

44 Accounts Receivable 31 Accounts Receivable 147 ✓

To transfer the following accounts:

1 Rubber Accounts Receivable 29.50 ✓ Rubber Accounts Receivable 1

3 Swayne Bates 27.00 ✓ Oklahoma Photo Co 101

104 Fred Bond & Co 245.00 ✓ Westminster Press 50

73 Accounts Payable 31 Accounts Receivable 148 ✓

To transfer the above amount

Edison Storage Battery Co 139.50 2

44 Accounts Receivable 31 Accounts Payable 149 ✓

To transfer the following

1-10 National Photograph Co 9185.14 1

1-10 Edison Mfg Co 3216.82 2

6-2 Edison Business Phone Co 261.18 14

236.04

236.04

100.00

100.00

2945

2945

1395

1395

13363.14

13363.14

Orange N.J. June 1909

73 Accounts Payable 30 150  
Accounts Receivable 44

To transfer the following amounts

3 Edison Storage Battery Co 17.29 2  
 1 Thomas A Edison 29.99 3  
 5 Edison Chemical Works 202 5

102 General Expense 30 151  
Accounts Receivable 44

To transfer amount of Bates Extra Expense for the month of June 1909 from Bates Accounts Receivable Ledger to General Ledger

Bates Accounts Receivable 100 1  
 Bates Extra Expense 100 2

44 Accounts Receivable 30 152  
Accounts Receivable 44

To transfer the following amounts

1 Bates Accts Receivable 145.88 Bates Accts Receivable 1  
 3 Edward Kingston 52.03 Attorney's Account 8  
 100 Green Print 20.20 8  
 3 Suspense Account 34.00 Simmons Building Mtg Co 50  
 3 52.03 Edward Kingston 3  
 3 20.20 Green Print 100  
 101 Mrs American Bk Co 17 Suspense Account 3  
 100 Pioneer Hat Works 05 3

73 Accounts Payable 32 153  
Accounts Receivable 44

To transfer the above amount

1 National Photograph Co 68.86 1.49  
 1 Edison Mtg Co 2908.04 1.10  
 1 Edison Business Phonos 245.38 2.6

73 Accounts Payable 30 154  
Accounts Receivable 44

To transfer the above amount

100 Cash for 100 200 Bates Accts Receivable 1  
 300 Attorney's Account 8

20530

20530

10000

10000

14808

14808

365520

365520

300

300

Orange N.J. July 1909

73 Accounts Payable 31 155  
Insurance Reserve Fund 305

To transfer above amount (10 mch. 1909 July) to General Ledger

10 Insurance Reserve Fund 10,995.55

44 Accounts Receivable 31 156  
Accounts Payable 73

To transfer the above amount

1-10 Edison Mtg Co 3024.53 2  
 6-2 Edison Business Phonos 169.96 1.6  
 1-6 National Phonos Co 4451.33 1

73 Accounts Payable 31 157  
Accounts Payable 73

To transfer the above amount

20 J. W. Haughlin 1012.50 Suspense 102

73 Accounts Payable 31 159  
Accounts Receivable 44

To transfer the above amount

3 Edison Storage Battery Co 62.97 7  
 1 Thomas A Edison 26.71 3

102 General Expense 31 159  
Accounts Receivable 44

To transfer amount of Bates Extra Expense for the month of July 1909 from Bates Accounts Receivable Ledger to General Ledger

Bates Accounts Receivable 1125.20 1  
 Bates Extra Expense 175.20 2

10995.55

10995.55

764582

764582

12504

1250

36261

3626

125001

12500

Orange, N.J., August 1909

199 Bond Interest	2	160	5700.00	5700.00
Unpaid Bond Interest 210				
For amount of Bond Interest due this day				
on Coupon No 24				
107 General Expense	31	161	100.00	100.00
Accounts Receivable 44				
To transfer amount of Rate Extra Expense				
for month of August 1909 from Rates				
Accounts Receivable ledger to General ledger				
Rates Accounts Receivable 100.00				
Rates Extra Expense 100.00				
144 Accounts Receivable	31	162	4467	4467
Accounts Receivable 44				
To transfer the following accounts				
Rates Accounts Receivable 4467 Rates Accounts Receivable				
56 Bennett Printing House 1267 Bennett Printing Co				
New York City 32.00 Bennett House Mfg				
73 Accounts Payable	31	163	2504.92	2504.92
Accounts Payable 73				
To transfer the above amount representing debit				
balance appearing in the account of Thomas A				
Edison to July 14 <sup>th</sup> 1909 to National Phonograph				
Co. ledger				
National Phon. Co. \$2504.92 T A Edison				
144 Accounts Receivable	31	164	13161.34	13161.34
Accounts Payable 73				
To transfer above amount				
1-10 National Phonograph Co 9721.71				
Edison Mfg Co 3199.97				
6-2 Edison Business Phonographs 229.66				
73 Accounts Payable	31	165	237.49	237.49
Accounts Receivable 44				
To transfer the above amount				
Edison Storage Battery Co 179.07				
Edison Chemical Works 48.42				

Orange, N.J., September 1909

73 Accounts Payable	30	166	5689	5689
Accounts Receivable 44				
To transfer the above amount				
3 Edison Storage Battery Co 56.89				
103 General Expense	"	167	12500	12500
Accounts Receivable 44				
To transfer amount of Rate Extra Expense for the				
month of September 1909 from Rates Accounts Receivable				
ledger to General ledger				
Rates Accounts Receivable \$125.00				
Rates Extra Expense 125.00				
144 Accounts Receivable	"	168	7460	7460
Accounts Payable 73				
To transfer the above amount				
1 Edison Mfg Co 51.39				
6 Edison Business Phonographs 266.30				
1 National Phon. Co. 3331.59				
73 Accounts Payable	"	169	900	900
Accounts Payable 73				
To transfer the above amount representing				
debit balance in the account of Morgan Engineering				
Construction Co. to Edison Mfg Co. ledger				
2 Edison Mfg Co. \$900 Morgan Engineering Bonds				
73 Accounts Payable	"	170	20186	20186
Accounts Payable 73				
To transfer the above amount representing				
debit balance appearing in the account of Thomas				
A Edison to Aug 14 <sup>th</sup> 1909 to National Phonograph				
Co. ledger				
1 National Phon. Co. \$20186 Thomas A Edison				

Orange, N.J. October 1909.

114 Accounts Receivable 30 171  
Accounts Receivable 114

To transfer the above amount from Rite Surface  
 account as the Pioneer Hat Works have this day  
 settled their account in full.

1 Rite Accounts Receivable 80 Rite Account Receivable 1  
 100 Pioneer Hat Works 80 Surface Account 3

103 General Expense 172  
Accounts Receivable 114

To transfer amount of Rite Extra Expense for  
 the month of October 1909 from Rite Accounts  
 Receivable ledger to General ledger

Rite Accounts Receivable 100.00 1  
 Rite Extra Expense 100.00 2

73 Accounts Payable 173  
Accounts Payable 73

To transfer the above amount representing  
 debit balances appearing in the account of  
 Thomas A. Edison to National Phone Co. ledger

1 National Phone Co 166.58 1  
 114 Thomas A. Edison 1

73 Accounts Payable 174  
Accounts Receivable 114

To transfer the above amount  
 Thomas A. Edison 61.16 3  
 Edison Storage Battery Co 137.49 2

73 Accounts Payable 175  
Accounts Receivable 114

To transfer above amount  
 National Phone Co 97.16 1

73 Accounts Payable 176  
Accounts Receivable 114

To transfer the above amount  
 3 Inver Mfg. & Supply Co 100 Rite Accts Receivable 1  
 1 Inver Mfg. & Supply Co 1

80.4

80

100.00

100.00

166.58

166.58

198.53

198.53

97.16

97.16

110.4

110

Orange, N.J. October 1909.

73 Accounts Payable 30 177  
Accounts Payable 73

To transfer to a suspense account total amount  
 of vouchers 66 Mch 1908 - 589.71 and 181 Aug 1908  
 71.013.52. less payments made against same  
 amounting to 18892.63

6 Suspense Ac 12,502.90 and 12,502.90  
 9

114 Accounts Receivable 178  
Accounts Payable 73

To transfer the above amount  
 Edison Manufacturing Co 3123.92 2  
 Edison Business School Co 389.60 14

12,502.90

12,502.90

351,352.1

351,352.2

Orange, N.J. November 1909.

73 Account Payable 30 1799  
Account Payable 73

To transfer above amount representing debit  
 balance appearing in the account of Thomas A.  
 Edison to National Photo Co. ledger  
 1 National Photo Co. 1799 Thomas A. Edison 1

73 Account Payable " 180  
Account Payable 73

To transfer above amount representing balance  
 appearing in the account of M. Vogelgesang to  
 National Photo Co. ledger  
 1 National Photo Co. 180 M. Vogelgesang 201

74 Account Payable " 181  
General Expense 103

To charge A. Weston & Sons with discount  
 deducted in their remittance of Aug 30th 09  
 not allowed

146 A. Weston & Sons 130 1/2

144 Account Receivable " 182  
Account Payable 73

To transfer above amount  
 170 National Photographic Co. 2464.60 1  
 170 Edison Mfg Co. 2144.85 2  
 672 Edison Business Photo Co. 313.90 10

74 Account Payable " 183  
Account Receivable 144

To transfer above amount representing debit  
 balance in the account of the Newark Chief Street  
 Co. from Radio Account Receivable ledger to Radio  
 account payable ledger  
 1 Newark Chief Street Co. 1  
 672 Newark Chief Street Co. 1

74 Account Payable " 184  
Account Receivable 144

To transfer the above amount  
 2 Edison Storage Battery Co. 632 2

197935  
 ✓ 19793

13501  
 ✓ 1350

30111  
 ✓ 3011

5123354  
 ✓ 512335

9341  
 ✓ 934

63204  
 ✓ 6320

Orange, N.J. November 1909.

103 General Expense 30 185  
Account Receivable 144

To transfer amount of Radio Extra Expense  
 for the month of November 1909 from Radio  
 Account Receivable ledger to General ledger  
 Radio Account Receivable 100 00 1  
 Radio Extra Expense 100 00 2

100.004  
 ✓ 100.00



Orange, N.J. December 1909

74 Accounts Payable <sup>31</sup> 186  
Accounts Receivable <sup>45</sup> 1000.00  
 To transfer the above amount  
 105 L. K. Seaford <sup>1000<sup>00</sup></sup> Pat. Cost Receivable 1  
<sup>1000<sup>00</sup></sup> L. K. Seaford .59

103 General Expense <sup>31</sup> 187  
Accounts Receivable <sup>45</sup> 125.00  
 To transfer the amount of Pat. Cost  
 Expense for the month of December 1909 from  
 Pat. Accounts Receivable Ledger to General Ledger  
Pat. Accounts Receivable <sup>1</sup> 125.00  
Pat. Cost Expense <sup>2</sup> 125.00

74 Accounts Payable " 188  
Accounts Receivable <sup>45</sup> 347.15  
 To transfer the above amount  
 1 Edison Storage Battery Co 162.56 2  
 Thomas A. Edison 17.52 3  
 Edison Chemical Works 167.07 5

45 Accounts Receivable " 189  
Accounts Payable <sup>74</sup> 2936.75  
 To transfer the following account  
 1-10 Edison Manufacturing Co 13275.67 ✓  
 6 Edison Business Phone Co 250.16 14  
 1-70 National Phone Co 599.58 1

74 Accounts Payable " 190  
Accounts Payable <sup>74</sup> 385  
 To suspense the following account  
 1-9 Suspense <sup>385</sup> W. B. Van Winkle 201

✓ Suspense " 191  
Accounts Payable <sup>74</sup> 39197.11  
 To transfer the following account to  
 General Ledger  
 311 Edison Storage Battery Co 29197.11 3

Orange, N.J. December 1909

45 Accounts Receivable <sup>31</sup> 192  
Suspense <sup>✓</sup> 325846.57  
 To transfer the following account from  
 Accounts Receivable Ledger to General  
 Ledger  
 1-10 Edison Manufacturing Co 179699.77 311  
 6 Edison Business Phone Co 17048.90 331  
 1-70 National Phonograph Co 279097.90 341

211 Receipts <sup>31</sup> 193  
Suspense <sup>✓</sup> 35172.08  
 To disburse the following accounts  
Outstanding <sup>(250<sup>00</sup>)</sup> 9 2152.16  
Receipts - Trade <sup>(104<sup>00</sup>)</sup> 250 41358.92

Orange, N.J. January 19, 1910

307 Insurance Reserve Co	194	10162.50	
Accounts Payable 74		10162.50	
To credit J. P. Morgan Co with the above amount as same comes out of Bond #3336 North. Pac. R. R. In Reg. Co. with up to date bond @ 10 1/4% + 1/8% commission. In them due 22/10 for our account. Interest on above bond payable from Reg. Co. But further data as before filed in bank.			
J. P. Morgan Co	410162.50	100.	
305 Insurance Reserve Co	195	9111.	
Accounts Payable 74		9111.	
To credit J. P. Morgan Co with above amount as same comes from North interest due eight days on Bond #3336 North. Pac. R. R. Co which was purchased for them due 22/10 for our account.			
J. P. Morgan Co	49111.	100.	
74 Accounts Payable	196	10000	
Insurance Reserve Co 20.5		10000.	
To charge J. P. Morgan Co with above amount as same comes from North interest at 4% due on Bond #3336 North. Pac. R. R. Co for \$10000.00 and which is collected by transfer our account.			
J. P. Morgan Co	5100.00		
103 Insurance Reserve Co	197	227.65	
Manufacturing 131		227.65	
To transfer the above amount.			
Mechanicals Order 27.65	122.		
45 Accounts Receivable	198	1110	
Accounts Receivable 45		1110.	
To transfer the above amount representing interest due on the National Storage Co, Ltd. London, Eng. in the bank note for \$10000.00 31/10/09 as per letter of London Office attached.			
National Storage Co	1110		
1110 National Storage Co	1110		

Orange, N.J. January 19, 1910

45 Accounts Receivable	199	2500.	
Accounts Receivable 45		2500.	
To charge bank holding company with the date of April 10/09 due June 15/09. They having defaulted in payment of same.			
Bank of America N.Y. & C. Co	2500		
46 Accounts Payable	200	2500.00	
Accounts Payable 74		2500.00	
To transfer credit balance appearing in the account of the Orange Memorial Hospital from National Storage Co ledger.			
National Storage Co	2500		
74 Accounts Payable	201	21.55	
Accounts Payable 74		21.55	
To transfer the above amount representing debit balance appearing in the account of John E. Helms from National Storage Co ledger.			
John E. Helms	21.55		
74 Accounts Payable	202	172.10	
Accounts Payable 74		172.10	
To transfer the above amount representing credit balance appearing in the account of the Orange Memorial Hospital from Edison Mfg Co ledger.			
Edison Mfg Co	172.10		
74 Accounts Payable	203	214.98	
Accounts Payable 74		214.98	
To transfer the above amount.			
Edison Storage Battery Co	171.12		
Edison Chemical Works	147.86		
74 Accounts Payable	204	2864.83	
Accounts Payable 74		2864.83	
To transfer the following account to General Ledger.			
Edison Storage Battery Co	2864.83		

Orange, N.J. January 1910

145	Accounts Receivable	31	205	10395.77	10395.77
	Accounts Payable	74			
	To transfer the following accounts:				
1	Edison Manufacturing Co		244.54	✓	
6	Edison Business Photo Co		378.35	✓	
170	National Photograph Co		719.88	✓	
103	General Expense		206	100.00	100.00
	Accounts Receivable	45			
	To transfer amount of Radio Extra Expense for the month of January 1910 from Radio Accounts Receivable ledger to General ledger				
	Radio Accounts Receivable		100.00	✓	
	Radio Extra Expense		100.00	✓	
145	Accounts Receivable		207	450.3	450.3
	Accounts Receivable	45			
	To suspense the following account we having received the first and final dividend of 40% from the Receiver this day				
1	Radio Extra Receivable		48.25	✓	
3	Radio Expense		48.25	✓	
145	Accounts Receivable		208	41769.92	41769.92
	Sundry	✓			
	To transfer the following account from Accounts Receivable ledger to General ledger				
170	National Photograph Co		572.66	✓	341
1	Edison Manufacturing Co		13,395.36	✓	321
6	Edison Business Photo Co		4,065.44	✓	321

Orange, N.J. February 1910

199	Bond Interest	1	290	5400.00	5400.00
	Unpaid Bond Interest	210			
	For amount of Bond Interest due this day on Coupon No. 35				
270	Profit & Loss	24	210	1500.00	1500.00
	Machinery Tools	260			
	For this amount which represents difference between cost and selling price of one Remona Concrete mixer furnished June 5, 1909 for Work Order No. 212 for \$1,100.00 and sold to Arthur Brisbane for \$350.00 for terms of \$2 Miller, July 15, 1910				
103	General Expense		211	1000.00	1000.00
	Accounts Receivable	45			
	To transfer amount of Radio Extra Expense for the month of February 1910 from Radio Accounts Receivable ledger to General ledger				
	Radio Accounts Receivable		100.00	✓	
	Radio Extra Expense		100.00	✓	
74	Accounts Payable		212	15.19	15.19
	Accounts Payable	74			
	To transfer the following amount				
16	H. K. & F. S. Benson		15.19	✓	103
145	Accounts Receivable		213	20755.40	20755.40
	Accounts Payable	74			
	To transfer the following accounts:				
170	Edison Manufacturing Co		1501.37	✓	2
62	Edison Business Photo Co		362.42	✓	14
170	National Photograph Co		1289.66	✓	1
✓	Sundry		214	82002.02	82002.02
	Accounts Receivable	45			
	To transfer the following accounts from Accounts Receivable ledger to General ledger				
321	Edison Manufacturing Co		38,659.86	✓	1
321	Edison Business Photo Co		13,180.41	✓	6
341	National Photograph Co		29,981.77	✓	170

Orange, N.J. February 1910.

150 Accounts Receivable	215	17.50	17.50
To suspense the following items	Accounts Receivable		
1. Radio Credit Receivable 7.50	Radio Credit Receivable		
2. Suspense Account 37	Antonio Roman		
3. Hollister Clark & Wm 1.55	Suspense Account		
3. Suspense Account 6.50	The New City Supply Co		
" 1.75	Armistead Supply Co		
" 7.00	The W. B. Hollister Co		
279 Profit & Loss	216	166.82	166.82
To write off amount of Radio Suspense Account	Radio Credit Receivable		
for fiscal year ending February 28 <sup>th</sup> 1910	Radio Credit Receivable		
Radio Credit Receivable 166.82	Radio Credit Receivable		
Radio Suspense Account 166.82	Radio Suspense Account		
1 Accounts Payable	217	533.85	533.85
To transfer the following accounts	Accounts Payable		
3 Edison Storage Battery Co 377.88	Edison Storage Battery Co		
1 Edison Chemical Works 156.00	Edison Chemical Works		
160 Sales	218	1110.58	1110.58
To transfer amount of 1908 Factory	General Expense (P&L)		
account from Sales Ledger to Cash Exp.	General Expense (P&L)		
161 1908 Factory	1110.58		
160 Sales	219	11,800.07	11,800.07
To transfer the above amount	Sales		
representing credit balance in Susp	Sales		
account to Phonograph of	Sales		
241 Scrap	11,800.07		
Phonographs	Phonographs		

Orange, N.J. February 1910.

1 Sundries	220	4255.03	4255.03
To transfer following amount to	Accounts Payable		
General Receiver	General Receiver		
311 Edison Storage Battery Co. 3	Edison Storage Battery Co.		
" 4255.03	Edison Storage Battery Co.		
7 Accounts Payable	221	84.90	84.90
To transfer unclaimed wages to	Profit & Loss		
Profit & Loss	Profit & Loss		
1 Unclaimed Wages 84.90	Unclaimed Wages		
279 Profit & Loss	222	46454.71	46454.71
To transfer the following accounts	Sundries		
to Profit & Loss	Sundries		
Edison Mfg. Co. Interest of 2937.79	Edison Mfg. Co. Interest of		
Bond Interest 11,100.00	Bond Interest		
National Phon. Co. " 32,416.92	National Phon. Co. "		
131 Manufacturing	223	757.99	757.99
To credit Packing & Moving with difference	General Expense (P&L)		
of 1908 Factory account as shown by	General Expense (P&L)		
Inventory of Feb. 28 <sup>th</sup> 1910	General Expense (P&L)		
162 1908 Factory	757.99		
131 Manufacturing	224	7754.60	7754.60
To charge Phonograph of with balance	Manufacturing		
of Phonograph of less amount shown by Inventory	Manufacturing		
3 Phonographs	7754.60		
Phonographs	Phonographs		



Orange, N.J. February 1, 1910.

160 Sales	28	232	2510.665	2510.665
279 Profit & Loss				
Profit and losses realized during fiscal year ending February 28, 1910.				
7 Monographs	1509.83			
161 Auto. Rec. Machines	1,366.81			
21 Dicto. Meters	1326.95			
41 Meters	48332.35			
121 Miscellaneous	17,066.70			
141 Pan. Motors	1,374.97			
81 Kinestrophes	9548.58			
61 Motors & Lamps	2,033.39			
201 Others	1,047.11			
779 Profit & Loss		233	516.26	516.26
To associate the following accounts with amounts shown December 31, 1909.				
9 Automobiles	75%	875		
240 Machinery & Tools	10%	330.9		
140 Investment in Edison	1%	177.44		

Orange, N.J. March 19, 1910.

100 General Expense	21	234	12500	12500
Accounts Receivable				
To transfer amount of Radio Extra Expense for the month of March 1910 from Radio Accounts Receivable ledger to General ledger.				
Radio Accounts Receivable	125.00	1		
Radio Extra Expense	125.00	2		
145 Accounts Receivable		235	1315	1315
Accounts Receivable				
To transfer the following amounts:				
1 Radio Credit Receivable	135	Radio Credit Receivable	1	
105 The Detroit Printing Co.	3	Suppliers Account	3	
51 Res. B. Clark Co.	2			
3 Suppliers Credit	12.75	Not Albany Journal Co.	106	
74 Accounts Payable		236	788	788
Accounts Payable				
To transfer the above amount				
10 Hastings & Gleason	788	Radio Credit Receivable	1	
		Hastings & Gleason	55	
145 Accounts Receivable		237	7888	7888
Accounts Receivable				
To transfer the above amount, which represents the first dividend on our claim against the A. G. Weeks Mfg. Co. for \$315.49				
1 Radio Accounts Receivable	315.49	Radio Accounts Receivable	1	
55 Hastings & Gleason	76.99	A. G. Weeks Mfg. Co.	4	
74 Accounts Payable		238	4362	4362
Accounts Payable				
To transfer the following account				
3 Edison Storage Battery Co.	4362			
145 Accounts Receivable		239	4407.78	4407.78
Accounts Payable				
To transfer the following account				
171 National Phonograph Co.	4208.10			
100 Edison Mfg. Co.	198.50			
6 Edison Building Phone Co.	411.58			

Orange, N.J. March 1910

211 Edison Storage Battery Co	240	290494	
<u>Accounts Payable</u>	74	✓ 290494	
To transfer the above amount.			
Edison Storage Battery Co	290494	3	
✓ <u>Sundries</u>	241	3055824	
<u>Accounts Receivable</u>	45	13055824	
To transfer the following amounts from			
<u>Accounts Receivable</u> ledger to General ledger			
321 Edison Manufacturing Co	1107873	1-10	
321 Edison Business Storage Co	1294890	6-2	
341 National Phonograph Co	1082721	1-71	

Orange, N.J. April 1910

103 General Expense	242	100001	
<u>Accounts Receivable</u>	45	1	100.00
To transfer amount of Radio Extra Expense for			
Month of April 1910 from Radio Accounts Receivable			
Ledger to General ledger			
Radio Accounts Receivable	100.00	1	
Radio Extra Expense	100.00	2	
45 <u>Accounts Receivable</u>	243	1754	
<u>Accounts Receivable</u>	45	1	175
To suspense the following account			
1 Radio Accts Receivable	135	Radio Accts Receivable	1
3 Suspense Account	135	F. C. Childs Sons	104
45 <u>Accounts Receivable</u>	244	1661154	
<u>Accounts Payable</u>	74	1	1661154
To transfer the following accounts			
171 National Phonograph Co	1065540	1	
1 Edison Manufacturing Co	252280	2	
6 Edison Business Storage Co	433344	12	
✓ <u>Sundries</u>	245	4529901	
<u>Accounts Receivable</u>	45	1	452990
To transfer the following amounts from			
<u>Accounts Receivable</u> ledger to General ledger			
321 Edison Manufacturing Co	1066939	1-10	
331 Edison Business Storage Co	1110962		
341 National Phonograph Co	11472028	1-71	
311 Edison Storage Battery Co	246	8070081	
<u>Accounts Payable</u>	74	✓ 807008	
To transfer the above amount to the General			
Ledger			
Edison Storage Battery Co	807008	3	

Orange, N.J. May 1910

74 Accounts Payable	247	20374	20374
Accounts Receivable	45	✓	20374
To transfer the following amounts			
Edison Storage Battery Co	66.57	2	
James A. Edison	57.74	3	
Edison Chemical Works	79.43	5	
103 General Expense	248	10000	10000
Accounts Receivable	45	✓	10000
To transfer amount of Radio Extra Expense for the month of May 1910 from Radio Accounts Receivable ledger to General ledger			
Radio Accts. Receivable	100.00	1	
Radio Extra Expense	100.00	2	
45 Accounts Receivable	249	567	567
Accounts Receivable	45	✓	567
To transfer the following amounts			
Radio Accts. Receivable	50	1	
25 New York City	5		
30 Collins	5		
3 Dunfords Acct.	50		
3	50		
310 Edison Press Pub. Co	50		
160 Sales	250	301	301
General Expense (Misc)	103	✓	301
To correct error in addition of Radio Abstract of Sales on April 26 <sup>th</sup> 1910			
115 Automatic Manufacturing Machine	30		
45 Accounts Receivable	251	268348	268348
Accounts Payable	74	✓	268348
To transfer the above amount			
Edison Mfg. Co	2161.72	2	
Edison Business Phone	267.22	112	
National Phone Co	1012.42	1	
311 Edison Storage Battery Co	253	357211	357211
Accounts Payable	74	✓	357211
To transfer the above amount to the General ledger			
Edison Storage Battery Co	3572.11	3	

Orange, N.J. May 1910

45 Accounts Receivable	253	48757.90	48757.90
Accounts Receivable	45	✓	48757.90
To transfer the following amounts from			
Accounts Receivable ledger to General ledger			
110 Edison Manufacturing Co	10291.90	371	
67 Edison Business Photograph Co	4260.96	331	
171 National Photograph Co	34192.64	341	
341 National Phone Co	254	29675.00	29675.00
Insurance Reserve Bonds	307	✓	29675.00
To charge National Phone Co with above amount as same covers sale of following bonds the proceeds of which were placed to credit of National Phone Co			
Union Pac. R.R. Co	2700 - 5000 <sup>th</sup> @ 98 <sup>th</sup>	4975.00	
North Pac. R.R. Co	3110 - 5000 <sup>th</sup> @ 99	4950.00	
" " " "	3180 - 10000 <sup>th</sup> @ 99	9900.00	
" " " "	3338 - 10000 <sup>th</sup> @ 99	9900.00	
		29675.00	
341 National Phone Co	255	213.32	213.32
Insurance Reserve Fund	308	✓	213.32
To charge National Phone Co with above amount as same covers interest on bonds sold to Mfg. Edison the proceeds of which were placed to credit of Natl. Phone Co			
Union Pac. R.R. Co	2700 - 5000 <sup>th</sup> @ 1/2% 1/4% approx	77.25	
North " " "	3110 - 5000 <sup>th</sup> @ 1/2% 1/4% - 1/4% 1/4%	27.25	
" " " "	3180 - 10000 <sup>th</sup> @ 1/2% 1/4% - 1/4% 1/4%	54.50	
" " " "	3338 - 10000 <sup>th</sup> @ 1/2% 1/4% - 1/4% 1/4%	54.50	
		213.32	
308 Insurance Reserve Fund	256	9615.00	9615.00
Insurance Reserve Bonds	309	✓	9615.00
To charge Insurance Reserve Fund with above amount as same covers loss sustained on sale of Bonds			
Union Pac. R.R. Co	2700 - 5000 <sup>th</sup> @ 118 <sup>th</sup>	118.75	
North Pac. " " "	3110 - 5000 <sup>th</sup> @ 118 <sup>th</sup>	118.75	
" " " "	3180 - 10000 <sup>th</sup> @ 118 <sup>th</sup>	118.75	
" " " "	3338 - 10000 <sup>th</sup> @ 118 <sup>th</sup>	118.75	
		475.00	



Orange N.J. May 1910

304 Insurance Reserve Fund	257	29,888.32	
309 Reserve from Insurance Fund		29,888.32	

To transfer above amount as same covers the amount borrowed from Insurance Reserve Fund for general use. This amount was raised from sale of Bonds

Orange N.J. June 1910

104 General Expense	258	175.00	
Accounts Receivable	46		175.00
To transfer the amount of Bank Extra Expense for the Month of June 1910 from Bank Accounts Receivable ledger to General Ledger			
Bank Accounts Receivable	1		
Bank Extra Expense	175.00		
46 Accounts Receivable	259	267	267
Accounts Receivable	46		
To transfer the following accounts:			
1 Bank Accounts Receivable	257		
116 Jacobus & Sons Co	15		
3 Bank Expense Account	99		
Wheeler Litho Co	50		
74 Accounts Payable	260	12.50	12.50
Accounts Payable	75		
To offset the above amount which was written off to Suspense as per Journal Entry 1157 July 1909			
107 Suspense	12.50		
Jas M. Laughlin Co	2.01		
74 Accounts Payable	261	588.11	588.11
Accounts Receivable	46		
To transfer the following accounts:			
9 Edison Storage Battery Co	99.76		
1 J.O. Edison	473.29		
5 Edison Chemical Works	15.06		
46 Accounts Receivable	262	12,000.93	12,000.93
Accounts Payable	75		
To transfer the following accounts:			
1-10 Edison Manufacturing Co	2742.91		
6 Edison Business School Co	312.29		
17 National Phonograph Co	7945.73		
311 Edison Storage Battery Co	263	33,179.00	33,179.00
Accounts Payable	75		
To transfer the above account to the General Ledger			
Edison Storage Battery Co	33,179.00		

Orange, N. J. June 1910

46 Accounts Receivable	30	264	38523.90	38523.90
Sundries				
To transfer the following account from Accounts Receivable ledger to General Ledger				
170 Edison Manufacturing Co		\$ 2891.86	371	
171 Edison Machine Works Co		8556.36	331	
171 National Phonograph Co		49972.12	331	

Orange, N. J. July 1910

104 General Expense	19	265	348.37	348.37
Manufacturing				
For this amount which represents labor and material to prepare foundation and building for the plant covered by S.O. # 4945				
Transferred per instructions W.H. Eckert July 19/10				
Sundry Ship Orders				
270 Real Estate & Buildings		266	3475.42	3475.42
Manufacturing				
For this amount which represents labor & material to build addition to the 2nd plant over building #1 covered by S.O. # 4946				
Transferred per instructions W.H. Eckert July 19/10				
Miscellaneous				
46 Accounts Receivable	30	267	27521	27521
Accounts Receivable				
To transfer the following account:				
1 Rate Rent Receivable	27521	Rate Rent Receivable	1	
50 Robert B. Childs	85	Suspense Account	3	
103 H.H. Sanderson	37	"	"	
104 Haydon & Co	20	"	"	
106 Hamilton Packing Co	25	"	"	
107 Horner Edmunds & Co	32	"	"	
100 J. M. Johnson	10	"	"	
7 Henry Hastings	43	"	"	
103 Kling & Beach	15	"	"	
56 Samuel H. Moss	19	"	"	
56 E. H. Morris & Co	32	"	"	
101 Ches. Ott	08	"	"	
57 John A. Schenck & Co	35	"	"	
112 South Adams Savings	10	"	"	
106 W.W. Winter & Sons	12	"	"	
3 Suspense Account	325	Amesbury & Co	50	
8 Attorney's Account	800	Amesbury & Co	107	
"	"	Wm. C. Bulamy	100	
"	"	C. H. Jones	101	
"	"	192 New York City Bury	52	
"	"	236 61 A. A. Webb & Co	41	

Orange, N.J. July 1910

104	General Expense	30	268	2500.	2500.
	Accounts Receivable	46			
	To transfer amount of Bate's Extra Expense for the month of July 1910 from Bate's Accounts Receivable ledger to General Ledger.				
	Bate's Extra Expense	2500	1		
	Bate's Extra Expense	2500	2		
75	Accounts Payable		269	488.17	488.17
	Accounts Receivable	46			
	To transfer the following accounts				
15	H. H. Walker	4.12	100		
3	Edison Storage Battery Co	161.12	2		
1	Thomas A. Edison	302.93	3		
46	Accounts Receivable		270	1750.68	1750.68
	Accounts Payable	75			
	To transfer the following accounts				
1-10	Edison Mfg Co	249.02	2		
6	Edison Building	142.25	14		
1-7	National Phon Co	142.25	1		
311	Edison Storage Battery Co		271	1905.86	1905.86
	Accounts Payable	75			
	To transfer the above amount Edison Storage Battery Co \$1905.86				
46	Accounts Receivable		272	24708.67	24708.67
	Surpluses	321			
	To transfer the following amounts from Accounts Receivable ledger to General Ledger				
1-10	Edison Manufacturing Co	105.67	321		
6-7	Edison Business Photograph Co	415.67	321		
1-71	National Photograph Co	24037.05	321		
121	Manufacturing		273	258.87	258.87
	Sales	160			
	To transfer the above amount on our new manufacturing for sale. This amount represents sales up to and including July 31st 1910 which was for the 1st day of Oct. in 1910. The balance of the month of July 1910				
214	Sales	258.87	261		

Orange, N.J. August 1910

144	Bond Interest	1	274	5400.00	5400.00
	Impairment Bond Interest	310			
	For amount of Bond Interest due this day on coupon No. 26				
46	Accounts Receivable	31	275	1769.	1769.
	Accounts Receivable	46			
	To transfer the following accounts				
1	Bate's Extra Expense	1750	1		
53	Edison Buss Co	249.02	50		
56	Public Service Corp	249.02	7		
53	Walker Campbell	11.12	11.12		
3	Surplus Account	32.25	56		
3	"	302.93	105		
46	Accounts Receivable		276	1.17	1.17
	General Expense	104			
	To transfer the above amount on our new manufacturing in error.				
1	Bate's Accounts Receivable	1.17			
1	Roberts & Son	1.17			
121	Manufacturing		277	3425.42	3425.42
	Real Estate Building	270			
	To cancel journal entry # 266 July 19/1910 as same was made out in error. See corrected entry of same date				
123	Miscellaneous Building		3425.42		
270	Real Estate Building		278	3420.06	3420.06
	Manufacturing	131			
	For this amount which represents labor and material in build addition to the Edison Plant over building # 1 owned by S.D. # 176. This entry corrects entry # 266.				
	Miscellaneous Building	3425.42	123		
75	Accounts Payable		279	96.01	96.01
	Accounts Receivable	46			
	To transfer the above amount				
3	Edison Storage Battery Co	70.84	2		
1	Thomas A. Edison	166.85	3		

Orange, N.J. August 1910.

75 Accounts Payable	280.	5543.57	5543.57
Accounts Receivable	46		
To transfer the following accounts:			
1 National Phonograph Co	\$12,242.93	171	
2 Edison Manufacturing Co	3,332.96	170	
14 Edison Business Phonograph Co	36,720.63		
75 Accounts Payable	281.	11.48	11.48
Accounts Payable	75		
To transfer the following account:			
11/10 B. Sims	11/10 E. Goodrum	8	
75 Accounts Payable	282.	4356.77	4356.77
Sundries	✓		
To transfer the following accounts to the General Ledger:			
101 Inman's Restaurant	\$660.48	305	
3 Edison Storage Battery Co	2302.71	311	
46 Accounts Receivable	283.	55555.61	55555.61
Sundries	✓		
To transfer the following amounts to General Ledger:			
1-10 Edison Manufacturing Co	10847.09	321	
6-3 Edison Business Phonograph Co	3404.71	331	
1-71 National Phonograph Co	71552.41	341	

Orange, N.J. September 1910.

75 Accounts Payable	284.	1130.	1130
Accounts Receivable	46		
To transfer the above amount:			
Bates Accounts Receivable	11/10	1	
200 Rimey & Rodgers	500	113	
50 Hastings & McLean	622	55	
46 Accounts Receivable	285.	641.84	641.84
Accounts Receivable	46		
To transfer the following accounts:			
1 Bates Accounts Receivable	641.84	1	
104 L. C. Childs Son	175	1	
55 Hastings & McLean	63.09	8	
46 Accounts Receivable	286.	27.00	27.00
Accounts Receivable	46		
To transfer the following amount from Attorney's account as we have obtained settlement & save through our attorneys, Messrs. Rimey & Rodgers:			
1 Bates Accounts Receivable	27.00	1	
101 C. H. Jones	27.00	8	
113 Rimey & Rodgers	27.00	101	
46 Accounts Receivable	287.	5162.10	5162.10
Accounts Payable	75		
To transfer the following accounts:			
1-10 Edison Manufacturing Co	\$4485.26	2	
6-3 Edison Business Phonograph Co	348.35	14	
1-71 National Phonograph Co	275.51	1	
46 Accounts Receivable	288.	188.	188
Accounts Payable	75		
To transfer the following account:			
100 Fred Ott	\$175	102	
1 F. C. McChesney	13	3	
311 Edison Storage Battery Co	289.	2738.48	2738.48
Accounts Payable	75		
To transfer the above amount to the General Ledger:			
Edison Storage Battery Co	2738.48	3	

Orange, N.J. September 1910

160 Sales	290	2772	2772
General Expense <del>290</del> 106			
To transfer the above amount account of over in distributing Radio Expense to Chromaphone instead of General Expense of page 285.			
2 Chromaphone	2772		
160 Sales	291	212580	212580
Manufacturing 131			
To transfer the above amount			
161 Box Factory \$212580 Box Factory	163		
75 Accounts Payable	292	98098	98098
Accounts Receivable 46			
To transfer the following accounts			
Edison Storage Battery Co	\$160.85	7	
Thomson Edison	78580	3	
Edison P. & L. Equipment Co	34	4	
Edison Chemical Works	3399	5	
✓ Sundries	293	4180571	4180571
Accounts Receivable 46			
To transfer the following amounts to General Ledger			
321 Edison Manufacturing Co	\$1824396	110	
331 Edison Business Phonographs	2774263		
341 National Phonograph Co	2383966	171	

Orange, N.J. October 1910

251 Machinery & Tools	294	20386	20386
Manufacturing 131			
To transfer \$0.50% from Sundries Shop Order Account to Machinery & Tools as per instructions W. L. Eckhart Per Sundries Shop Order 20386 731			
131 Manufacturing	295	532583	532583
General Expense <del>295</del> 106			
To transfer this amount which represents the value of material used for plating purposes on hand in the Nickel Plating Department as of October 1st 1910 per inventory taken on that date, details of which are attached hereto. Transferred in accordance with instructions of W. L. Eckhart dated September 21st 1910.			
251 Mr. Nickel Plating \$532583			
75 Accounts Payable	296	875	875
Accounts Payable 75			
To transfer debit balance appearing in the account of Henry & Co. & Co. to National Phonograph Co's ledger.			
1 National Phonograph Co \$875 Henry & Co. & Co. 263			
75 Accounts Payable	297	26416	26416
Accounts Payable 75			
To transfer debit balance appearing in the account of Shalens Bros. to Edison Mfg. Co's ledger			
2 Edison Mfg. Co \$26416 Shalens Bros 263			
106 General Expense	298	591319	591319
Adjustment 351			
To transfer total amount of Dr. B.M. 072571 Dr. 072571 & 072571, covering steam supplied Ed. Stn. Radio Co. during year ending Feb. 28th 1910, as above amount affects fiscal year ending Feb. 28th 1910 and should not be shown in current year's expenses.			

Orange, N.J. October 1910

46 Accounts Receivable 31  
 Accounts Payable 299  
 To transfer the following account 75  
 1 Cash Sale 900 C. & Stanton 201 900.

46 Accounts Receivable 300  
 Accounts Payable 75  
 To transfer the following accounts 11049.29  
 110 Edison Mfg Co 3839.16 ✓  
 6-3 Edison Business Phonos Co 45598 14  
 171 National Phonograph Co 6751.15 1

15 Accounts Payable 301  
 Accounts Receivable 46  
 To transfer the following accounts 636.15  
 9 Edison Storage Battery Co 229.80 ✓  
 1 Thomas A. Edison 369.54 ✓  
 5 Edison Portland Cement Co 31.11  
 5 Edison Chemical Works 512.5  
 11 P. Weber 904.5  
 5 C. H. Wilson 264.6  
 110- Bellows Express 2235.51

✓ Sundries 302  
 Accounts Payable 75  
 To transfer the following account 4093.78  
 211 Edison Storage Battery Co 4093.78

✓ Sundries 303  
 Accounts Receivable 46  
 To transfer the following amounts 50093.68  
 331 Edison Manufacturing Co 11967.69 ✓  
 331 Edison Business Phonographs 1291.1 ✓  
 341 National Phonograph Co 39577.16 ✓

Orange, N.J. November 1910

46 Accounts Receivable 30  
 Accounts Payable 304  
 To transfer the following accounts 8504.39  
 110 Edison Manufacturing Co 83409.60 ✓  
 6-3 Edison Business Phonos Co 319.37 ✓  
 171 National Phonograph Co 4775.42 ✓

46 Accounts Receivable 305  
 Accounts Receivable 46  
 To suspense the following accounts appearing  
 on the Bates Mfg Co's Accounts Receivable ledger 147  
 1 Bates Accts Receivable 1 Bates Accts Receivable 1  
 3 Suspense Account 132 Adams Clothing Store 107  
 3 27 Worth Bros Co 50

15 Accounts Payable 306  
 Accounts Receivable 46  
 To transfer the following accounts 485.44  
 3 Edison Storage Battery Co 4934.7 ✓  
 1 Thomas A. Edison 432.51 ✓  
 11 P. Weber 174.5  
 5 C. H. Wilson 85.6

311 Edison Storage Battery Co 307  
 Accounts Payable 75  
 To transfer the above amount 8576.05  
 Edison Storage Battery Co 8576.05

✓ Sundries 308  
 Accounts Receivable 46  
 To transfer the following amounts to  
 General Ledger 27663.60  
 331 Edison Manufacturing Co 4377.06 ✓  
 331 Edison Business Phonographs 6365.62 ✓  
 341 National Phonograph Co 31951.34 ✓

Orange, N. J., December 1910

46 Account Receivable 309

Accounts Receivable 46

To transfer the following accounts

- 1 Bate's Auto Receivable 28 Bate's Auto Receivable 1  
 3 Suspense Account 16 Bate's Auto Receivable Co. 23  
 3 " " 12 Bate's Auto Receivable Co. 50

45 Account Payable 310

Accounts Payable 46

To transfer the following accounts

- 3 Edison Storage Battery Co. 409.22 2  
 1 Thomas A. Edison 89.19 3  
 6 Edison Chemical Works 76.48 5  
 12 Federal Storage Battery Co. 21.58 51  
 11 P. Weber 63 5  
 9 C. H. Wilson 75 6

75 Account Payable 311

Accounts Payable 75

- To transfer the above amount  
 147 Suspense 80 Adams Mfg Co 201

46 Account Receivable 312

Accounts Payable 75

- To transfer the above amount  
 1 Edison Manufacturing Co. 3186.21 2  
 1 National Photo Co. 4720.50 1  
 6 Edison Business Photo Co. 555.80 12

311 Edison Storage Battery Co. 313

Accounts Payable 75

- To transfer the above amount  
 Edison Storage Battery Co. 3

✓ Sundries 314

Accounts Receivable 46

- To transfer the following amounts to  
 321 Manual Ledger  
 321 Edison Manufacturing Co. 417.570.50 1  
 321 Edison Business Photo Co. 3070.78 6  
 321 National Phonograph Co. 66467.69 1

28

28

217.45

297.45

80

80

8467.51

8467.51

5379.47

5379.47

77058.41

77058.41

Orange, N. J., December 1910

44 Profit Loss 315

Sundries

To determine the following accounts

- Automobile 25% 1671.44 9  
 Furniture & fixtures Co. 15% 505.39 210  
 Machinery & tools 10% 37900.93 251

40077.6

40077.6

Orange, N.J. January 1911

46 Accounts Receivable 73 316

To transfer the above amount representing balance due by the National Phonograph Co. Ltd. London Eng. to the Radio Mfg. Co. December 31st 1910 as per letter of London office attached to net P.E. #4746  
National Phonograph Co. Ltd. Radio Acct. Receivable 1  
Net P. Phonos. Ltd. London 107

46 Accounts Receivable 21 317

To transfer the following account receivable Radio Acct. Receivable 15 Radio Acct. Receivable 1  
American Washer Co. 15 Wood Worsted Mills 59

75 Accounts Payable " 318

To transfer the following account receivable  
Edison Storage Battery Co. 807.96 ✓  
Thames & Edison 26.63 ✓  
Edison Chemical Works 18.83 ✓  
P. Weston 99 5

46 Accounts Receivable " 319

To transfer the following account receivable  
Edison Manufacturing Co. 3294.33 ✓  
Edison Business Phonos. 480.74 ✓  
National Phonograph Co. 4806.38 ✓

75 Accounts Payable 320

To transfer debit balance appearing in the account of R. H. Beach to the account of the Edison Storage Battery Co.  
Edison Storage Battery Co. R. H. Beach 200

311 Edison Storage Battery Co. 321

To transfer the above amount to the General Ledger  
Edison Storage Battery Co. 5578.08 3

70 70

175 175

1091.86 1091.86

5681.45 5681.45

770.00 770.00

5578.08 5578.08

Orange, N.J. January 1911

137 Manufacturing 21 322

To credit Packing & Posing with an amount to cover packing of machines delivered during month of January 1911.  
Phonograph Co. 7047.25  
Radio Manufacturing Machines 54.63

Sam	2300	@ 50¢	=	1150.00
Zinnide	3327	.55	=	1835.25
Standard	4276	.55	=	2351.80
Home	661	.60	=	396.60
Triumph	483	.90	=	434.70
Alva	1	.90	=	90
Edelia	1	.90	=	90
Amberlida	72	.575	=	414.00
Business	487	.60	=	292.20
Silver Meko	168	.85	=	142.80
Balth	577	.09	=	51.93
Wigard	30	.09	=	2.70

46 Accounts Receivable " 323

To transfer the following account receivable from Accounts Receivable ledger to General Ledger  
Edison Manufacturing Co. 19,011.63 301  
Edison Business Phonograph Co. 2821.94 331  
National Phonograph Co. 16,922.23 341

710.188 710.188

16764 16764



Orange, N. J., February 1911

199 Bond Interest	324	5100.00	5100.00
For amount of Bond Interest due this day on Coupon No. 27			
146 Accounts Receivable	325	390	390
To transfer the following accounts, same parties			
1 Ratin Accts Receivable 390 Ratin Accts Receivable	1		
105 Wrennall Railway Supply Co 50 Wrennall Railway Supply Co	50		
15 Resumer Supply Co 15 Wrennall Railway Supply Co	50		
146 Accounts Receivable	326	1209	1209
To suspense the following accounts			
1 Ratin Accts Receivable 1409 Ratin Accts Receivable	1		
108 Armstrong Co. 10 Suspense Account	3		
106 Buckeye Stamp Works 06	3		
112 Battersworth Co 08	3		
104 Clark Bros. Machine Co 12	3		
103 Elite Laundry 10	3		
106 The Electric Machine Co 32	3		
107 Fairmount Rubber Works 23	3		
104 H. H. P. Co. Supply Co 06	3		
105 Palmer Bros 50	3		
3 Suspense Account 1709 R. Mahoney	100		
3 10.67 North Dakota Bank 106	106		
76 Accounts Payable	327	6885	6885
To transfer balance appearing in the credit of the Orange Memorial Hospital from Nat'l Phonograph Co. 102			
76 Accounts Payable	328	4900	4900
To transfer balance appearing in the credit of the Orange Memorial Hospital from Edison Mfg. Co. 102			

Orange, N. J., February 1911

76 Accounts Payable	329	875	875
To transfer balance appearing in the credit of the Henry Art & Window Co. to the National Phonograph Co. 102			
76 Accounts Payable	330	714374	714374
To cancel note from Edison Portland Cement Co. for \$714374 dated 10/1/10 due 7/1/11. This note is covered by new note for same amount dated 7/1/11 and due 6/1/11			
8 Edison Portland Cement Co. \$714374	785		
76 Accounts Payable	331	50	50
To suspense the above amount			
102 Suspense 50 Mr. Mullard	50		
106 General Expense	332	46795	46795
To collect distribution and transfer of February Voucher #306 from Sundry Shop Order Up to General Expense Sundry Shop Order #1025201			
76 Accounts Payable	333	737625	737625
To transfer the following amounts			
5 Edison Storage Battery Co. \$1969.03	7		
1 Thomas A. Edison 706.04	3		
5 Edison Chemical Works 192.77	5		
9 Federal Storage Battery Co. 741.51	51		
11 Peter Weber 81.5	5		
5 C. H. Wilson 19.6	6		
106 General Expense	334	760	760
To change distribution of bill R. M. 10485 to \$50.00 as original charge to Dr. in this order was distributed to \$0.4115 and voucher 766 Oct 1910			
Sundry Shop Order #1025201	760		

Orange, N.J. February 1911

Profit &amp; Loss 78

Sundries

335

73 558.19

73 558.19

To transfer the following accounts

to Profit &amp; Loss

Edison Mfg Co. Interest Acc. \$2415.84 59

National Phonos. 15,555.54 759

Bond Interest 10,500.00 199

Adjustment Account 5913.19 351

Accounts Receivable

336

10549.95

10549.95

To transfer the following accounts

to Profit &amp; Loss

Edison Mfg Co. 14,500.00 2

Edison Phonos. 508.74 14

National Phonos Co. 5535.55 264

E. J. Berggren 72 264

Accounts Payable

337

300

300

To transfer the following account to

Profit &amp; Loss

50 Phillipsburg Loan 300

2 Phillipsburg Loan 109

Accounts Receivable

338

1867

1867

To transfer the above amount from Phillips

Burgin Cash over attorney to H. E. Diamond

Co. as we have accepted to cash and Phillips

Burgin Cash will take collection fee in

settlement of above claim

1 Cash Receipts 1457

109 Phillipsburg Loan 1457

H. E. Diamond Co. 11

Accounts Receivable

339

10402.72

10402.72

To transfer the following amounts to

General Ledger

1 Edison Mfg Co. \$6877.99 371

6 Edison Phonos. 11,055.57 331

National Phonograph Co. 50236.18 341

Orange, N.J. February 1911

Manufacturing 78

340

707.157

707.157

To Credit Packing &amp; Shipping with an amount

to cover packing of machines delivered

during month of February 1911

3 Photographs 6954.55

182 Bells Manufacturing Machs 70.02

Lawn Mowers 2777

Tirecase 2189

Standard 4175

Home 579

Tinsmith 471

Olva 5

Ladies 9

Ambruda 73

Business 483

Shoring 144

Bells Machs 736

Wigard 472

Accounts Receivable

341

346

346

To transfer the following amount

Edison Storage Battery Co. 346

Edison Storage Battery Co.

342

1707.546

1707.546

To transfer the above amount to Bell

General Ledger

Edison Storage Battery Co. 1707.546

Manufacturing

343

1964.75

1964.75

To transfer the above, which represents the

amount of finished casting, carried in the

account of raw material and was transferred

3 Photographs 1964.75

107

Orange, N. J., February 1911

137 Manufacturing	78	344	4700.00	4700.00
To transfer above amount as same covers difference in cost selling price of wire sold to Brown, Harris, Wad Co. This sale was necessary owing to wire becoming obsolete. See R.M. Bill # 010604 & 010605				
83 Kinoscopes	4700	Raw Material	107	
137 Accounts Payable	"	345	137.80	137.80
To transfer the following accounts to Profit & Loss				
1 Unclaimed Wages	137.95			
102 Suspense Account	5.85			
137 Profit & Loss	"	346	379.1	379.1
To write off amount of Radio Suspense Account for fiscal year ending Feb 28 1911				
Radio Account Receivable	379.1			
Radio Suspense Account	379.1			
137 Manufacturing	"	347	786.68	786.68
To correct error in Oct 1910. Voucher # 101 and charge Phonos with an amount of \$156.12 which was erroneously charged to Radio Material, and to also correct error in extension of Matt transfer voucher # 1 dated Jan 11 1911 and charge Phonograph and credit Raw Material with the following balance \$105.12 and \$125.00				
3 Phonographs	786.68	Raw Material	107	
137 Manufacturing	"	348	5572.73	5572.73
To transfer above amount as same covers items on page 59 & 70 of inventory of Feb 1911 which were distributed to Raw Material instead of Phonos				
3 Phonograph	5572.73	Raw Material	107	

Orange, N. J., February 1911

137 Manufacturing	78	349	109	109
To correct error in distribution of Nickel Plating Voucher # 8 Jan 31-11 and transfer \$1.12 erroneously charged to Wax due to Phonographs				
3 Phonographs	109	Wax	43	
137 Manufacturing	78	350	747.77	747.77
To charge Coal account with difference in account as per inventory of July 28 <sup>th</sup> 1911				
735 Coal	747.77			
137 Manufacturing	78	351	934.19	934.19
To credit Nickel Plating and charge the following with difference in account as per inventory of July 28 <sup>th</sup> 1911				
3 Phonograph	747.09	Nickel Plating	751	
83 Arg. Kinoscopes	57.46	"	"	
703 Cabinet	76.00	"	"	
173 Misc. Orders	17.19	"	"	
183 Sub. Munt. Mils	35.70	"	"	
148 Saw Motor	1.05	"	"	
137 Manufacturing	"	352	7574.17	7574.17
To credit General Expense with difference in Box Factory account as shown by inventory July 28 1911				
163 Box Factory	7574.17			
137 Manufacturing	78	353	2727.77	2727.77
To charge Phonograph account with balance of Japaning account less amount shown by inventory Feb 28 1911				
3 Phonograph	2727.77	Japaning	772	

Orange, N.J. February 1911

137	Manufacturing	28	354	721.49	721.49
	Manufacturing	137			
	3 cancel journal entry #351				
751	Nickel Plating	747.49	Phonograph	3	
		57.46	Ray. Kinetograph	83	
		76.00	Calumet	703	
		17.19	Misc. Orders	173	
		35.70	Auto. Manual Mch's	183	
		105	San Motor	123	
		28			
160	Sales		355	1253935	1253935
	Sales	160			
	To transfer amount of Scrap Sales				
	to Phonograph account.				
711	Scrap	12539.35	Phonograph	7	
137	Manufacturing	28	356	26064	26064
	Manufacturing	137			
	To charge Misc. Orders with above				
	amount as same covers cost of				
	Scrap Orders #5562-5564-5570 & 5576				
	which were distributed to Nickel Plating				
173	Misc. Orders	260.64	Nickel Plating	751	
		28			
137	Manufacturing		357	67385	67385
	Manufacturing	137			
	To credit Nickel Plating and charge				
	the following amounts with dif-				
	ference in account as per inventory				
	Feb'y 28 <sup>th</sup> 1911.				
3	Phonograph	548.87	Nickel Plating	751	
83	Ray. Kinetograph	30.33	"	"	
703	Calumet	50.46	"	"	
173	Misc. Orders	17.83	"	"	
183	Auto. Manual Mch's	20.76	"	"	
123	San Motor	10	"	"	

Orange, N.J. February, 1911

160	Sales	28	358	43787	43787
	Sales	160			
	To credit Misc. Orders with above				
	amount as same covers copper				
	plating done for. Every Mfg Co. the				
	like covering same being distributed				
	to Nickel Plating instead of Misc. Orders				
751	Nickel Plating	43787	Misc. Orders	77	
		28			
137	Manufacturing		359	13484.04	13484.04
	Manufacturing	137			
	To charge Phonograph account with				
	difference in Raw Material account				
	as shown by books and inventory				
	Feb'y 28 <sup>th</sup> 1911				
3	Phonograph	13484.04	Raw Material	107	
		28			
137	Manufacturing		360	15330.54	15330.54
	General Expense	107			
	To transfer expenses directly chargeable				
	to Batco Mfg Co's business for year				
	ending Feb'y 28 <sup>th</sup> 1911				
183	Auto. Manual Mch's	15330.54	Auto. Expense	✓	
		28			
311	National Phonos Co.		361	116581.03	116581.03
	Sales	160			
	To charge National Phonos Co. with				
	above amount to make profit on				
	Phonographs & Raw accounts equal.				
	15% of Labor & Material plus General				
	Expense & Depreciation				
	2771 Sub. Inventory Net. 15%				
Phonographs	1237791.09	350.88724	976842.85	146,524.43	
Raw	207,080.01	117,001.43	220,078.08	30,811.86	
				181,035.29	
Phonograph	as shown by books	10,726.73			
Raw profit		76,192.07	644573.6		
			116,581.03		
Phonograph	157,261.66	83			
Raw	40,680.63	47			

Orange, N.J. February 1911

100	Manufacturing	28	362	41924400
	General Expense	104		41924400
	To distribute General Expense pro-rata over the following Manufacturing accounts percentage 3809889			
3	Phonograph		249,323.78	
113	Auto. Munch. Mchs		11,464.81	
115	Wax		71,203.74	
117	Miscellaneous		21,196.06	
119	Tan Motor		285.14	
121	Org. Minutoscope		19,527.84	
123	Cabinets		45,904.18	
141	See		338.45	

100	Sales	28	363	162312824
	Manufacturing	137		162312824
	To transfer cost of goods sold during fiscal year ending February 28-1911 as shown by inventory			
11	Phonograph		976,542.85	3
113	Auto. Munch. Mchs		1,290.04	71
115	Wax		230,079.08	113
117	Material Sales		9,088.90	115
119	Org. Minutoscope		76,506.26	117
121	Miscellaneous		62,898.80	119
123	Tan Motor		1,913.09	121
125	Auto. Munch. Mchs		62,163.62	123
141	Cabinets		201,118.81	125
	See		1,226.79	141

Orange, N.J. February 1911

100	Sales	28	364	23726743
	Profit & Loss	179		23726743
	Profits & Losses realized during fiscal year ending February 28-1911			
1	Phonograph		146,526.43	
11	Auto. Munch. Mchs		1,403.79	
113	Wax		34,511.86	
115	Material Sales		1,509.97	
117	Org. Minutoscope		8,101.27	
119	Miscellaneous		25,237.99	
121	Tan Motor		624.70	
123	Auto. Munch. Mchs		6,939.05	
125	Cabinets		13,329.08	
141	See		302.69	

100	Sales	"	365	11658103
	National Phonola	341		11658103
	To cancel Journal Entry # 261 dated Feb. 28/11			
1	Phonographs		109,161.66	
11	Wax		40,680.60	
101	General Expense	"	366	41924400
	Manufacturing	137		41924400
	To cancel Journal Entry # 310 dated Feb. 28/11			
1	Phonographs		749,373.78	3
11	Auto. Munch. Mchs		11,464.81	113
113	Wax		71,203.74	115
115	Miscellaneous		21,196.06	117
117	Tan Motor		285.14	119
119	Org. Minutoscope		19,527.84	121
121	Cabinets		45,904.18	123
141	See		338.45	141

Orange, N. J., February 1911

## 137 Manufacturing

28

367

1625 12874

1625 12874

## Sales

160

To Cash Journal Entry	\$6.5 dated Feb 28 11	
14 Phonographs	976.82	77
77 Radio Mille	1.790.02	77
43 Wax	220.07	47
63 Material Sales	9.082.90	67
83 Proj. Miscellaneous	76.506.76	87
120 Miscellaneous	67.898.00	127
143 Fan Motor	1.910.00	147
180 Auto. Wash. Machine	67.162.67	187
200 Calculators	201.118.81	207
241 See	1.226.79	241

## 241 Profit Loss

"

368

227 26743

227 26743

## Sales

160

To Cash Journal Entry	\$6.5 dated Feb 28 11	
14 Phonographs	146.576.43	77
Radio Mille	1.423.79	77
Wax	34.511.86	47
Material Sales	1.509.97	67
Proj. Miscellaneous	8.101.27	87
Miscellaneous	25.237.99	127
Fan Motor	67.170.00	147
Auto. Wash. Machine	67.34.00	187
Calculators	13.327.08	207
See	302.67	241

## 241 National Phone Co.

"

369

10500.00

10500.00

## General Expense

104

To Charge Nat'l Co. with above amount as follows

To steam supplied to New Plant  
Equivalent to output of 40 102 boiler 2000.00  
To steam supplied to New Plant for  
heating and laundry heating  
This entry takes place of bill account  
year ending 7/31/11

7500.00

Orange, N. J., February 1911

## 34 National Phone Co.

28

370

160

111067.06

111067.06

## Sales

To Charge National Phone Co. with above  
amount to make payable on Phonographs  
& wax account equal 10% of balance National  
Phone General Expense & Depreciation

From National Phone Co. 10%

Phonographs 130.148.75 54% 462.98 97200.77 14560.45

Wax 245.797.21 11.619.21 277.416.42 340.00

181247.00

Phone loss unknown by books 6915.55

Wax profit " " 74667.27 4200.00

111067.06

Phonographs 152.868.80 77

Wax 41801.76 47

## 137 Manufacturing

"

371

408744.00

408744.00

## General Expense

104

To distribute General Expense to credits  
over the following manufacturing accounts

General Expense 1714.47

4 Phonographs 243.079.42

133 Auto. Wash. Machine 11.177.67

43 Wax 67.420.42

120 Miscellaneous 20.665.70

143 Fan Motor 278.00

83 Proj. Miscellaneous 19.038.77

203 Calculators 44.764.50

241 See 379.98

Orange, N. J. February 1911

160 Sales

78

372

16169.1921

16169.1921

Manufacturing

To transfer cost of goods sold during  
fiscal year ending Feb 28 1911 as  
shown by inventory

7-	Photographs	93.02	97
77-	Balis Mabel	1.24	0.02
12-	Wax	229.10	20
67-	Medicine Sales	9.08	90
77-	Prig. Kindergarten	76.20	60
127-	Miscellaneous	67.50	10
147-	Tag Motor	1.91	09
167-	Auto Repair Machs	61.94	66
207-	Cabinets	200.67	00
261	See	1.24	32

160 Sales

Profit-Loss

373

237962.49

237962.49

To transfer balance realized during  
fiscal year ending Feb 28 1911

7-	Photographs	145.85	45
27-	Balis Mabel	1.24	37
127-	Wax	343.65	63
67-	Medicine Sales	1.50	97
77-	Prig. Kindergarten	84.00	60
127-	Miscellaneous	25.63	66
147-	Tag Motor	67.70	00
167-	Auto Repair Machs	71.60	03
207-	Cabinets	13.81	87
261	See	31.16	

Profit-Loss

Sundries

374

374.08

To depreciate the following amount in  
addition to amount depreciated Dec 31-1910  
Machinery & Tools  
Furniture & Fixtures

751

751

261.57  
62.51

Orange, N. J. March 1911

1 Sundries

Thomas A. Edison

375

499

310.50

99310.50

To transfer balance appearing in the account  
of The Edison Mfg Co, The Edison Business  
Phone Co, and The National Phonograph Co  
on March 1st 1911 to the account of Thomas  
A. Edison Inc, as this company has succeeded  
the above mentioned companies.

371	Edison Mfg Co	17267.16
231	Edison Business Phone Co	19354.01
241	National Phonograph Co	130931.67

16 Accounts Payable

376

430.03

430.03

To transfer the following amount

3	Edison Storage Battery Co	298.71	7
1	Thomas A. Edison	100.60	3
5	Edison Chemical Works	29.20	5
9	Federal Storage Battery Co	71	51
11	Peter Weber	1.51	5

16 Accounts Payable

377

17671.54

17671.54

To transfer above amount

7	Thomas A. Edison, Inc	17671.54	19
---	-----------------------	----------	----

311 Edison Storage Battery Co

378

7781.18

7781.18

To transfer above amount to the General  
Ledger

Edison Storage Battery Co	7781.18	3
---------------------------	---------	---

137 Manufacturing

379

3808.18

3808.18

To transfer the above amount which represents  
the Inventory Packing & Shipping account as  
shown by books March 1st 1911. This account  
has from here-to-for been a sub-division  
of General Expense, but hereafter will be  
a sub-division of Manufacturing

130	Packing & Shipping	3808.18
-----	--------------------	---------

To transfer above amount;  
January R.M.#04702  
201 Edison Storage Battery Co. Ligonmont Ave  
1505 Edison Storage Bat Co. 3

To transfer the above amount from  
Account: Receivables Ledger to General Ledger  
Thomas A. Edison, Inc. 15,600.91

137	Manufacturing	383	461926
	Manufacturing	137	461926
To Credit Packing Slipping with an amount to cover packing of machine delivered during month of March 1911			

Cr  
Purchasing & Paying #4619.26 2/10

Lean Phones	908	50	454.00
Twins	1518	55	834.90
Standard	2173	55	1245.15
Home	581	50	247.60
Triumph	511	90	459.90
Alva	7	90	1.80
Delia	9	90	8.10
Orlando	39	575	224.25
Business	559	60	324.20
Sherry Mels	176	55	149.60
Rosie	16	.09	54.26
Wigard	50	.09	4.50

1	Bat. Acct. Receivable	27	Bat. Acct. Receivable	1
117	Worth Bros Co.	27	Suspense Acct	3

11	Accounts Receivable	386	9379.51
	<u>Account Payable</u>	76	9379.51
	To transfer above amount		
	Thomas A. Edison, Inc.	9378.31	19
	E. Berggren	1.20	204

47	Account: Receivable	388	2869376	
	Thomas A. Edison Inc.	373		2869376
7	To transfer the above amount to General ledger			
	Thomas A. Edison Inc.		2869376	

31	Edison Storage Battery Co.	389	1	\$08.89
	Accounts Payable	76		\$08.89
	To transfer above amount to the General Ledger Edison Storage Battery Co. \$08.89			



Orange, N. J. April 1911.

76 Accounts Payable 30 390 1 107.478 107.478

To transfer credit balance appearing in the account of the Driver - Harvill Wine Co. to the account of the Butler Hammer Mfg Co.

8 Driver Harvill Wine Co. 107.478 Butler Hammer Mfg Co. 24

137 Manufacturing 391 1 4647.30 4647.30

To credit Packing Boxings with an amount to cover packing of machines delivered during month of April 1911.

4 Phonographs 4589.90  
1822 Radio Printing Mach. 52.10

Packing Boxings 4647.30 4710

Item Phonos	632	@	.50	=	316.00
Wireless	1023	.	.55	=	727.65
Standard	2563	.	.55	=	1409.65
Hone	1628	.	.60	=	976.80
Triumph	27	.	.90	=	24.30
Idellia	1	.	.90	=	.90
Alva	3	.	.90	=	2.70
Antares	47	.	5.75	=	270.25
Business	686	.	.60	=	411.60
Shaving Machs	211	.	.85	=	179.35
Radio	557	.	.89	=	50.13
Wigard	33	.	.09	=	2.97

Orange, N. J. May 1911.

137 Manufacturing 31 392 1 788.472 788.472

To transfer the above amount which was erroneously charged on S.O. 17257.00 to Michel Platting instead of Misc. Orders.

132 Miscellaneous Orders 788.472 Michel Platting 788.472

76 Accounts Payable 393 1 4169.94 4169.94

To transfer the following amounts.

3 Edison Storage Battery Co	3065.51	7
1 Thomas A. Edison	851.82	3
5 Edison Chemical Works	18.06	5
9 Federal Storage Battery Co	720.08	51
11 P. Water	2.94	5
5 C. H. Wilson	1.53	6

47 Accounts Receivable 394 1 48 48

To suspense the following account.

1 Radio Recd. Receivable 48	Radio Recd. Receivable	1
3 Radio Suspense A/c 48	Radio Printing Co. (Battery)	107

47 Accounts Receivable 395 1 8369.05 8369.05

To transfer the following amount.

7 Thomas A. Edison Inc.	8367.85	19
1 E. J. Berggren	1.20	201

211 Edison Storage Battery Co 396 1 10757.06 10757.06

To transfer the above amount to General Ledger.

Edison Storage Battery Co. 10757.06 3

47 Accounts Receivable 397 1 69765.78 69765.78

To transfer the above amount to General Ledger.

7 Thomas A. Edison Inc. 69765.78

Orange, N. J., May 1911

76 Accounts Payable	31	338	✓	374	374
To transfer the above amount Thomas A Edison	3	3			
137 Manufacturing	399	✓	7578.79	7578.79	
To credit Packing & Shipping with an amount to cover packing of machine delivered during month of May 1911	1375				
143 Phonographs	7511.60				
184 Radio Receiving Mch	66.69				
Or					
Packing & Shipping	7078.79	710			
Item Phones	765 @ .50	102.50			
Inside	727 @ .55	399.85			
Standard	1366 @ .55	751.30			
Home	384 @ .60	230.40			
Triumph	300 @ .90	270.00			
Edison	16 @ .90	14.40			
Alva	3 @ .90	2.70			
Amberola	45 @ 5.75	258.75			
Business	546 @ .60	327.60			
Shaving Machine	146 @ .85	124.10			
Radios	677 @ .90	627.30			
Wigand	44 @ .90	39.60			

Orange, N. J., June 1911

137 Manufacturing	400	11.75	11.75
To transfer the above amount which was erroneously credited to Packing & Shipping instead of General Expense	105		
710 Packing & Shipping	11.75		
711 Unpaid Bond Interest	401	70.62	70.62
General Expense	105		
(Det. of Det.)			
Amount of interest charged Mrs. Mina M. Edison for prepayment of bond interest on 110 bonds held by her. This bond interest is payable on Aug. 2nd (Det. @ 5% from 4/16/11 - 45 days on 4/30/11 = \$70.62)			
This entry adjust Unpaid Bond Interest acc as in making payment the net amount of \$79 was charged to the latter acc.			
719 Edison Phon. Works	402	85.00	85.00
General Expense (Det. of Det.)	105		
Amount of interest deducted for prepayment to Mrs. Mina M. Edison to reduce 14 hold bonds. The retirement of these bonds should date Aug. 2-11 and we have charged & deducted 51 days @ 5% to cover period of prepayment. This entry is made to adjust the 5% hold bond acc, which was charged with the net amount of check (\$85.00)			
76 Accounts Payable	403	31.22	31.22
Accounts Payable	76		
To transfer the following accounts			
103 Mrs. A. Edison	87		
1 New York Telephone Co	77.50		
Peter Weber	11		
76 Accounts Payable	404	71.4374	71.4374
Notes Receivable	76		
To cancel note from Edison Portland Cement Co for \$74.94 dated 7/1/11 due 4/1/12. This is covered by new note for \$74.94 dated 4/1/11 due 1/1/12			
8 Edison Portland Cement Co	71.4374		

Orange, N. J. June 1911

76	Accounts Payable	30	4125	194577	194577
	Accounts Receivable	47			
	To transfer the following accounts				
3	Edison Storage Battery Co	116	91	✓	
1	Thomas A. Edison	498	70	3	
5	Edison Chemical Works	769	57	5	
9	Federal Storage Battery Co	681	51		
9	E. H. Phillips	181	1		
11	P. Wilson	331	5		
5	C. H. Wilson	266	6		
76	Accounts Payable		436	59730	59730
	Accounts Payable	76			
	To transfer above amount as per instruction				
	Mr. Hayes memo #1771				
1	Thos. A. Edison, Inc. #59730	7. L. Dyke	6		
47	Accounts Receivable		437	447037	447037
	Accounts Payable	76			
	To transfer the above amount				
7	Thomas A. Edison, Inc. #447037		19		
311	Edison Storage Battery		438	833961	833961
	Accounts Payable	76			
	To transfer the above amount to the				
	General Ledger				
	Edison Storage Battery Co #833961		3		
47	Accounts Receivable		439	5593849	5593849
	Accounts Receivable	325			
	To transfer the above amount from				
	Accounts Receivable ledger to General Ledger				
7	Thomas A. Edison, Inc. #5593849				

Orange, N. J. June 1911

325	Manufacturing	30	410	709217	709217
	Manufacturing	127			
	To credit Packing & Shipping with an amount				
	to cover packing of machines delivered				
	during month of June 1911				
4	Phonographs		7041.05		
13	Electric Malt Machine		51.12		
			Or		
	Packing & Shipping	709217	710		
	Item Phonos.	138	@	50	6900.
	Side	750	"	55	412505
	Standard	910	"	55	50050
	Home	371	"	60	22260
	Triumph	315	"	90	28350
	Edelia	4	"	90	360
	Alva	3	"	90	270
	Amberola	37	"	5.75	18400.
	Business	427	"	60	25620
	Shaving Machines	122	"	85	10370
	Bates	546	"	09	4896
	Wigard	74	"	09	216
105	General Expenses				
	General Expenses				
	Taxes Accrued		411	18129	18129
	Taxes Accrued	327			
	To transfer 1/2 of total amount of Taxes				
	Accrued account same being portion				
	chargeable to Taxes for month of May				
	and June 1911. See Voucher #175 May 1911				

Orange, N. J. July 1911

47	Accounts Receivable	412	70.00	70.00
	<u>Accounts Receivable</u> 47.			
	To transfer the above amount from the account of Patterson & Hanna to Attorney's account, we having placed the same with Mr. L. W. Brewer for collection.			
1	Baldie Reed's Receivable 70%	Baldie Reed's Receivable		
8	Attorney's Debt	70% Patterson & Hanna	50	
47	Accounts Receivable	413	92	92
	<u>Accounts Receivable</u> 47.			
	To transfer the following account:			
1	Baldie Reed's Receivable 92%	Baldie Reed's Receivable		
3	Suspense Debt	92% Citizens Bank of Buffalo	50	
76	Accounts Payable	414	150.00	150.00
	<u>Accounts Payable</u> 47.			
	To transfer the above debit balance appearing in the account of F. Warren Wright on the Baldie Reed's Receivable ledger to the Edison Phonograph Works Accounts Payable ledger.			
206	F. Warren Wright	150% Baldie Reed's Receivable		
		150% F. Warren Wright	113	
76	Accounts Payable	415	1354.77	1354.77
	<u>Accounts Payable</u> 47.			
	To transfer the following account:			
50	M. Bradley	179.10		
3	Edison Storage Battery Co.	811.69		
1	Thomas A. Edison	528.05		
9	Federal Storage Battery Car Co.	871.51		
11	R. Webster	575.5		
5	C. H. Wilson	246.6		
77	Accounts Payable	416	9300.19	9300.19
	<u>Accounts Payable</u> 47.			
	To transfer the above amount to the General Ledger.			
101	Insurance Reserve Fund	9300.19		

Orange, N. J. July 1911

47	Accounts Receivable	417	592.07	592.07
	<u>Accounts Receivable</u> 47.			
	To transfer the above amount which represents debit balance appearing in the account of the National Phonograph Co. for original sale of March 15, 1911 to Thomas A. Edison, Inc. as this company has succeeded the former. (This journal entry should have been put through March 15, 1911 but was omitted in error.)			
1	Baldie Reed's Receivable	592.07	Baldie Reed's Receivable	
5	Thomas A. Edison, Inc.	592.07	Nett Charles F. Webb	
47	Accounts Receivable	418	5389.87	5389.87
	<u>Accounts Payable</u> 76.			
	To transfer above amount			
7	Thomas A. Edison, Inc.	5389.87		
47	Accounts Receivable	419	79579.12	79579.12
	<u>Thomas A. Edison, Inc.</u> 323			
	To transfer the above amount to General Ledger.			
7	Thomas A. Edison, Inc.	79579.12		
311	Edison Storage Battery Co.	420	7902.06	7902.06
	<u>Accounts Payable</u> 76.			
	To transfer above amount to the General Ledger.			
	Edison Storage Battery Co.	7902.06		
105	General Expense (Insurance)	421	3875.08	3875.08
	<u>Unexpired Insurance Premium</u> 325			
	To charge General Expense with first of total amount of Unexpired Insurance Premium account, same having been charged to Insurance for months of March, April, May, June and July 1911. See Voucher #50 July 1911.			
105	General Expense (Taxes)	422	9064	9064
	<u>Taxes Accrued</u> 325			
	To transfer portion of Taxes Accrued account which is chargeable to Taxes for month of July 1911.			

Orange, N.J. July 1911.

105 General Expense 31 423 : 750.00  
 Reserve for Water 796. : 750.00  
 To debit General Expense with an estimated amount to cover charge from City of Orange for water supplied to Power Plant. Bills being rendered by them semi-annually. The above covers amount chargeable for the month of July 1911.

135 Manufacturing 424 : 1307.23  
 Manufacturing 135. : 1307.23  
 To credit packing & boxing with an amount to cover packing of machines delivered during month of July 1911.

14 Phonographs 176.45.  
 164 Auto Punch Machine 29.78.  
 Packing & Shipping 1307.23 \* 710

Rem. Chones 90 @ .50	=	46.50
Himeite	476.55	= 261.80
Standard	670.55	= 358.50
Hone	210.60	= 126.00
Triumph	220.90	= 207.00
Olve	1.90	= 90
Antenna	10.575	= 57.50
Business	226.60	= 125.60
Shov. Machines	69.55	= 58.65
Bate	418.09	= 57.62
Wigard	24.09	= 2.16

Orange, N.J. August 1911.

199 Bond Interest 2 425 : 510.00  
 Unpaid Bond Interest 711 : 510.00  
 For amount of Bond Interest due this day on Coupon No. 72.

105 General Expense 31 423 : 750.00  
 Reserve for Water 796. : 750.00  
 To debit General Expense with an estimated amount to cover charge from City of Orange for water supplied to Power Plant. Bills being rendered by them semi-annually. The above covers amount chargeable for the month of August 1911.

77 Account Payable 427 : 597.30  
 Account Payable 77 : 597.30  
 To transfer the above amount to Thomas A. Edison Inc., Bridge  
 19 Thos. A. Edison Inc. 597.30 Thos. Edison Inc.

47 Account Receivable 423 : 6716.90  
 Account Payable 77 : 6716.90  
 To transfer the above amount  
 7 Thos. A. Edison Inc. 6716.90 19

77 Account Payable 429 : 71426  
 Account Receivable 47 : 71426  
 To transfer the following account  
 6 R. Dyer 6.52 100  
 3 Edison Storage Battery Co. 451.18 7  
 1 Thos. A. Edison 246.56 3  
 5 Edison Chemical Works 5.09 5  
 11 P. Weber 3.00 5  
 5 C. H. Wilson 2.11 6

31 Edison Storage Battery Co. 439 : 8787.70  
 Account Payable 77 : 8787.70  
 To transfer the above amount to the Edison Storage Battery Co. 8787.70 3



Orange, N. J. September 1911.

## 105 General Expense

30

440

110202

110202

Sundries

To charge General Expense with the above amount.

This amount is chargeable for the month of September 1911 as shown by the General Ledger.

(57-177)

Return for Water \$250.00 796

(60-20-4 704)

Unexpended on Premium 775.01 207

(56-120-4 747.51)

Insurance 10731.337

(60-133-4 10731)

## 106 Accounts Receivable

Sales

442

160

70

70

To correct error in Radio Abstract in addition on August 25<sup>th</sup> 1911.

This \$2.00 should properly go through August but in fact in addition so do not to distort the figures of Highroad, Rouben &amp; Montgomerie.

1 Radio Abstract Receivable 20 Radio Abstract

771

## 123 Manufacturing

Manufacturing

443

135

7639.09

7639.09

To Credit Packing &amp; Shipping with an amount to cover packing of machines delivered during month of Sept 1911.

107 Phonographs \$2584.10

108 Auto Radio Machines 54.99

Or Packing &amp; Shipping \$2639.09 710

Sam Rhorer	400	0	50	700.00
Linnick	1208	55		774.40
Standard	956	55		545.80
Home	577	60		776.70
Triumph	310	90		779.00
Eddie	3	90		2.70
Alva	1	90		90
Intonide	33	575		189.75
Business	451	60		270.60
Shaving Machine	125	85		114.75
Radio	570	99		570.00
Wigand	41	99		369

Orange, N. J. September 1911.

## 311 Edison Storage Bat. Co.

30

443

877.626

877.626

Accounts Payable

77

To transfer above amount to the General Ledger.

Edison Storage Battery Co. \$877.626.3

Orange N.J. October 1911.

48 Accounts Receivable 444  
Accounts Receivable 48

To transfer the following account  
 1 Bate Auto Recharge 2 Bate Auto Recharge 1  
 117 Bailey Mfg Co 90 Bailey Mfg Co 50  
 105 Wm J & McIlwain 20 Attorney General 8

105 General Expense 445  
General Expense 45

To charge General Expense with the above amount  
 This amount is chargeable for the month of October 1911 as shown by the General Ledger  
 (24-117) Recharge for Wm J & McIlwain 296  
 (51-122) Taxes & License 1073.30  
 (61-120) Insurance 750.34  
 (51-120-71751)

77 Accounts Payable 446  
Accounts Payable 48

To transfer the following accounts  
 3 Edison Storage Battery Co 2156.2 7  
 1 Thomas A. Edison Inc 664.69 3  
 5 Edison Chemical Works 279.26 5  
 11 Federal Storage Battery Co 10.38 51  
 11 P. Weber 1.75 5  
 5 C. H. Wilson 1.43 6

301 Adjustment Account 447  
Adjustment Account 48

To transfer the above amount from Bate Auto Recharge ledger. This represents cash remittances received at the New York Office and lost between that office and the Orange Office

1496 Bate Auto Recharge 1  
 64 Cash Sales 1  
 14.00 New York City Bate Plant 5  
 3-Childs Board of Education 50

903

903

1137.37

1137.37

1273.13

1273.13

1496

1496

Orange N.J. October 1911.

77 Accounts Payable 448  
Accounts Payable 77

To transfer the above amount to the Thomas A. Edison Inc. ledger.  
 20 Thomas A. Edison Inc. 10.59 80  
 Thomas A. Edison Inc.

77 Accounts Payable 449  
Accounts Payable 77

To transfer the above amount to the Thomas A. Edison Inc. ledger.  
 7 Thomas A. Edison Inc. 1750.04  
 Edison Portland Cement Co 8

18 Accounts Receivable 456  
Accounts Payable 77

To transfer the above amount  
 7 Thomas A. Edison Inc. 1466.65 17

135 Manufacturing 451  
Manufacturing 133

To Credit Packing & Shipping with an amount to cover packing of machines delivered during month of October 1911

1 Phonographs \$394.70  
 1 Bate Auto Recharge 67.05  
 or  
 Packing & Shipping \$361.75 710

Sam Phonos	982	@	.50	=	491.00
Twinside	1427		.55	=	784.85
Standard	2742		.55	=	1233.10
Home	801		.60	=	480.60
Triumph	327		.90	=	303.30
Amberlita	70		5.75	=	115.00
Business	496		.60	=	297.60
Shaping Machine	105		.85	=	89.25
Bates	691		.09	=	62.19
Wigand	51		.09	=	4.86



Orange, N.J. October 1911.

311 Edison Storage Battery Co.	452	78.00.44	
<u>Account Payable</u> 77		78.00.44	
To transfer above amount to the General Ledger			
Edison Storage Battery Co.	78.00.44	3	
118 <u>Accounts Receivable</u>	455	736.49.1	
<u>Thomas A. Edison Inc.</u> 375		736.49.1	
To transfer the above amount to the General Ledger			
Thos. A. Edison Inc.	736.49.1		

Orange, N.J. November 1911.

46 <u>Accounts Receivable</u>	30	454	192.07.	192.07.
<u>Accounts Receivable</u> 48				
To transfer the following amount				
1 Bal. Accts Receivable 192.07		Bal. Accts Receivable 1		
4 A. O. Weeks Mfg Co 17.50		Attorney Account 8		
8 Attorney Account 17.50		Enos Coll 50		
55 Hocking & Hession 1.07		A. O. Weeks Mfg Co 14		
3 Suspense Account 1.15		Madison Plg Co 50		
3 " " 2.61		Jas H. M. Schuur 50		
		Newark St. Tel. Wks. 51		
48 <u>Accounts Receivable</u>	"	455	1719.5	1719.5
<u>Accounts Receivable</u> 48				
To suspense the above amount remaining in the account of the A. O. Weeks Mfg Co as we have received final settlement of this account as per advice of Hocking & Hession attached to E. # 454				
1 Bal. Accts Receivable 1719.5		Bal. Accts Receivable 1		
3 Suspense Acct 1719.5		A. O. Weeks Mfg Co 4		
105 <u>General Expense</u>	"	456	137.37.	137.37.
<u>Sundries</u> ✓				
To charge General Expense with the above amount				
This amount is chargeable for the month of November 1911 as shown by the General Ledger				
57-1171		Recurring for water 250.00.796		
58-1333		Taxes Accrued 107.51.337		
58-130-47.50		Unexpended Indue 775.01.347		
58-130-767.51				
77 <u>Accounts Payable</u>	"	457	51.66	51.66
<u>Account Payable</u> 77				
To transfer the above amount to the J. A. Edison Inc. Ledger				
8 Camden Co 489		J. A. Edison Inc 19		
205 J. C. Moore 2.75		J. A. Edison Inc 19		

Orange, N.J. November 1911

77 Accounts Payable 458

To transfer the following accounts  
 201 Cudler, Hammer Co 7.02 100  
 3 Edison Storage Battery Co 536.70 2  
 1 Thomas A. Edison 462.79 3  
 5 Edison Chemical Works 9.35 5  
 9 Federal Storage Battery Co 21741.51  
 202 W. J. Jamison 53 100  
 8 The Lardner Co 322 1  
 102 F. Ott 462 51  
 111 C. Schiffl 1577 100  
 205 Emil Schneider, Inc 5085-100  
 11 P. Weber 731 5  
 5 C. H. Wilson 11.67 6

301 Lardner Mfg Co Settlement 459

To amount paid to Mr. Carter & English  
 covering judgement costs in suit of  
 Lardner Mfg Co. Settlement being  
 made up as follows:  
 Judgement 95 422.40  
 Costs 15.55 15  
 95.579.15

Interest from May 2-1910 date  
 of check 144.14 @ 6% = 8.761 27-  
 144.14 1.70  
 Marshall for expenses 8.55  
 Commission on 10000 @ 1% 10.00  
 " 20000 @ 1% 10.00  
 " 101345.57 @ 1% 2533.55  
 104624.17

Or  
 Mr. Carter & English Nov 6 1911 702

311 Edison Storage Battery Co 460  
 To transfer above amount to the General  
 Ledger  
 Edison Storage Battery Co 5654.53 3

89,035 89,035

Orange, N.J. November 1911

130 Manufacturing 461

To credit Packing & Boxing with an amount  
 to cover packing of machine delivered  
 during month of November 1911

4 Phonographs \$5102.20  
 184 Auto Night Machines 71.55  
 Packing & Boxing \$5175.75  
 641 Phonos 641 50 = 320.50  
 2040 55 = 1122.00  
 3953 55 = 2174.15  
 580 60 = 348.00  
 199 90 = 179.10  
 1 90 = 90  
 1 90 = 90  
 23 90 = 22.70  
 601 60 = 360.60  
 111 55 = 94.35  
 727 29 = 66.23  
 58 59 = 522  
 84 5.75 = 483.00

48 Accounts Receivable 462

To transfer the above amount  
 7 Thomas A. Edison, Inc 10193.54 19

48 Accounts Receivable 463

To transfer the above amount to the General  
 Ledger  
 7 Thomas A. Edison, Inc 73763.25 323

5654.53 5654.53

Orange, N. J., December 1911

77 Accounts Payable 464 7408.05  
 Notes Receivable 785 7408.05

To cash note from Edison Portland Cement Co  
 for \$708.05 dated June 15<sup>th</sup> 1911 due Dec 15<sup>th</sup> 1911  
 This is covered by cash note for same amount  
 dated December 15<sup>th</sup> 1911 due April 15<sup>th</sup> 1912

8 Edison Portland Cement Co 7708.05

77 Accounts Payable 30 5303.19  
 Accounts Receivable 485 5303.19

To transfer the following accounts:

111	E. J. Petersen	163	1
3	Edison Storage Battery Co	7101.19	✓
1	Thomas A. Edison	3116.70	3
5	Edison Chemical Works	50.13	5
103	Man. Thos. A. Edison	18.5	51
9	Edison Chemical Engineering Co	14.39	100
202	W. S. Garrison	158	100
8	The Standard Co	5.77	1
14	Sci. Press	6.68	100
11	R. Usher	3.87	5
5	C. H. Wilson	7.18	6

105 General Expense 463 1760.57

To charge General Expense with the above amount

This amount is chargeable for the month of December 1911 as shown by the General Ledger

(58-130)	Exp. Received	48550.30%
(68-130 + 750)	Unexp. Ind. Rec.	77501.34%
(58-130 + 717.51)		

106 Reserve for Ind. Rec. 487 301.33

General Expense 105

To credit General Expense with the above amount which represents the difference between the Orange Water Co. bill for water used the six months ending Dec. 31<sup>st</sup> 1911 and our estimate of same

Orange, N. J., December 1911

108 Accounts Receivable 30 10876.50  
 Accounts Payable 468 10876.50

To transfer the above amount  
 Thomas A. Edison, Inc. 10876.50 19

77 Accounts Payable 469 746.84

To transfer the above amount to Thos. A. Edison, Inc. ledger

19 Thos. A. Edison, Inc. 186.00 (Orange) 102  
 19 " " " 508.84 (Emil Schmidt) 105

311 Edison Storage Battery 470 6461.88

To transfer the above amount to the General Ledger

Edison Storage Battery Co \$6461.88 3

320 Thomas A. Edison, Inc. 471 39058.57

To transfer the above amount to the General Ledger

Thos. A. Edison, Inc. 39058.57 7

109 Profit Loss 30 30653.34

To depreciate the following accounts:

Automobile	20%	101340.9
Machinery & Tools	10%	2877555.75%
Furniture & Exp.	10%	86139.711

December Journal Entries continued on next page

Orange, N.J., December 1911

135 Manufacturing 20

228

6832.47

6832.47

To credit Packing & Paving with an amount  
to cover packing of machines delivered during  
the month of December 1911

14 Photographs 67.76 65  
164 Auto. Wash Machine 53.15

For  
Packing & Paving 6832.47 710

Item	Price	Q	50	=	327.50
Inside	74.00	50	=	1269.50	
Standard	47.58	50	=	2616.90	
Home	7.29	60	=	443.40	
Triumph	7.98	90	=	768.20	
Edilia	2	90	=	1.80	
Oliva	—	90	=	—	
Oliva	44.17	90	=	3750.00	
Indubata	16.3	50	=	937.35	
Excelsior	57.9	60	=	3674.40	
Shining Machine	8.2	85	=	71.40	
Auto	5.80	109	=	52.70	
Weyand	18	107	=	1.62	

Orange, N.J., January 1912

161 Sales 31

474

10

10

Edison Storage Battery Co 311

To correct error in debiting Wadell & Co

\* 7.71. Correct amount of bill is 6.22 as  
rendered but was debited as 6.22

177 Miscellaneous Orders 10

106 General Expense

475

146.57

146.57

Sundries

To charge General Expense with the above  
amount.

This amount is chargeable for the month of  
January 1912 as shown by the General Ledger.  
(57-177) Receive for Walter 75.00 796  
(58-133) Taxes Received 46.50 3575  
(68-120 - 7.50) Unexpended 806.07 3472  
(78-120 - 79.67)

78 Accounts Payable

476

453.41

453.41

Account Receivable 48

To transfer the following account

3 Edison Storage Battery Co	795.00	7
1 Thos. A. Edison, (Part)	147.45	3
5 Edison Chemical Works	4.20	5
103 Mrs. Thos. A. Edison	3.40	51
11 P. Webster	7.68	5
5 C. H. Wilson	68	6

48 Accounts Receivable

477

890

890

Account Receivable 48

To transfer the above amount to

Expense Account		
1 Bate & Co. Receivable 82	Bate & Co. Receivable	1
3 Suspense Acct	7.16	Mathewson & Co. 50
3	470	John S. Shifford 118
3	7.05	Wadell & Co 106

311 Edison Storage Battery Co

478

10561.46

10561.46

Account Payable 77

To transfer the above amount to the

General Ledger  
Edison Storage Battery Co 10561.46

Orange, N.J. January 1912

135 Manufacturing 31

479

333.162

333.162

To credit Packing & Boxing with an amount  
to cover packing of machine delivered during  
month of January, 1912

5 Photographs 265.50

161 Anti Vibrant Machine 69.12

Packing &amp; Boxing 333.162 710

Sam Adams	1147	0	501	721.00
Finearts	1740		55	672.00
Standard	2092		55	1150.60
Home	180		60	288.00
Triumph	117		90	105.30
Edith			90	90
Olva	7		90	1.80
Opera	178		90	160.20
Interstate	47		555	270.25
Business	488		60	292.80
Cherry Mchrs	109		85	92.65
Belle	737		09	66.33
Wigand	31		09	2.79

48 Account: Receivable

480

10597.81

10597.81

Account Payable 77

To transfer the above amount to  
Monroe A. Edison, Inc.

48 Account: Receivable

481

50440.64

50440.64

Monroe A. Edison, Inc.

To transfer the above amount to the  
General Ledger.

1 Monroe A. Edison, Inc.

\$50440.64

Orange, N.J. February 1912

199 Bond Interest 2

482

48000

48000

Unpaid Bond Interest 711.  
For amount of Bond Interest due this  
day on Coupon No 79

48 Account: Receivable

483

269

269

To suspense the following account.

51 Suspense Account 269 F. Whewer

27 Profit &amp; Loss

484

269

269

To charge Profit & Loss with amount  
of Works Suspense Account  
Suspense Acct 269 51

48 Account: Receivable

485

1930

1930

To transfer the following accounts

1 Belle Acct Receivable 1930 Belle Acct Receivable 1  
101 C. E. Van Buren 104 Mrs. A. White 108  
107 Jacob S. Long 17.96 Long Stamp Works 54

48 Account: Receivable

486

471

471

To suspense the following accounts

1 Belle Acct Receivable 471 Belle Acct Receivable 1  
58 Atlantic Wire & Co 30 Suspense Account 3  
110 Commercial Bk Co (Main) 269 3  
104 F. R. R. Bank Co 37 3  
105 Geo. O. Trunkay .08 3  
112 W. E. Miller .13 3  
3 Suspense Account 57 Geo. W. Hardiman 102  
3 " " 67 H. H. Miller 50

48 Account: Receivable

487

2096

1496

600

Adjustment Account 357  
General Expense (to 109) 106

To transfer above amount as same were taken by H. Hardiman  
for the found was what had been written off for unpaid Bond Interest

1 Belle Acct Receivable 2096  
108 H. Hardiman Refining Co 2096

Orange, N. J. February 1912

Profit & Loss 488  
Accounts Receivable 18.To write off amount of Rati Sufence  
Account for fiscal year ending February 1912  
Rati Account Receivable 164.58  
Rati Sufence Account 184.58

Manufacturing 489

To Credit Packing Paying with an amount  
to cover packing of machines delivered during  
month of February 19125 Phonographs 53.95  
1 1/2 Auto Washing Machine 85.05

Packing &amp; Shipping 5473.40 710

Lien Phones	301 @ .50	=	150.50
Firecords	1635 .55	=	897.25
Standard	4477 .55	=	2462.25
Home	376 .60	=	225.60
Triumph	95 .90	=	85.50
Opera	764 .90	=	687.60
Autobus	68 .575	=	39.100
Business	575 .60	=	345.00
Shaving Machine	165 .85	=	138.55
Rates	890 .09	=	80.10
Wizard	55 .59	=	49.5

18 Accounts Receivable 493  
General Expense 106.To charge Union National Bank with  
amount of interest on deposit credited to  
us by them for month of January 1912

1 Union National Bank 1038

16 Accounts Receivable 491  
Accounts Payable 38068.37

To transfer the above amount

Thomas A. Edison Inc 38068.37

154.58

184.58

5473.40

5473.40

1038

1038

38068.37

38068.37

Orange, N. J. February 1912

78 Accounts Payable 492  
Accounts Receivable 48.

To transfer the following amount:

223 Cooper Hewitt Co	50	100
3 Edison Storage Battery Co	7076.31	7
1 Thos A. Edison Inc	866.47	3
5 Edison Chemical Works	591.26	5
103 Thos A. Edison	18.94	51
11 P. Water	2.37	5
5 C. H. Wilson	.47	6

106 General Expense 493  
SundriesTo charge General Expense with the above  
amountThis amount is chargeable for the month of  
February 1912 as shown by the General Ledger  
(57-177) Reserve for Water 175.66 766  
(58-133) Taxes Received 489.36 337  
(68-120-750) Unexpended for the 806.07 347  
(58-120-798.57)78 Accounts Payable 494  
Accounts Payable 78.To transfer above amount to the Thomas  
A. Edison Inc. Ledger

19 Thomas A. Edison Inc 34340.70 Thos. A. Edison Inc 1

78 Accounts Payable 495  
Accounts Payable 78.

To suspense the following account:

201 Auto Equipment Co	60	Suspense Account	102
204 Brunswick Refrigerator	175		102
202 Chemist & Druggist	175		102
1 Wellentennin	130		1
102 Andy Lyon Co	1.00		102
1 Thos A. Edison Inc	.01		102

311 Edison Storage Battery Co 496

To transfer above amount to the General Ledger

Edison Storage Battery Co 833638

1124632

1124632

147043

147043

34340.70

34340.70

116

116

833638

833638

Orange N.J. February 1912

78 Account Payable 29 497  
Account Payable 78

To transfer above amount from the Thomas  
 A Edison Inc. ledger  
 (This amount being included in our remittance  
 of March 11<sup>th</sup> 1912)

18 Wilson Trading Co 55 Thomas A Edison Inc 19

78 Account Payable " 498  
Account Receivable 48

To transfer the above amount to Bati, Acct  
 Receivable ledger.

(For reference see Edison Bros. Feb. Voucher #449)

50 L. W. Brewer 315 Bati, Acct. Receivable 1  
 315 L. W. Brewer 118

78 Account Payable " 499  
Profit Loss 79

To transfer the following accounts to  
 Profit Loss

1 Unclaimed Wages 132.30  
 102 Suspense 1.16

79 Profit Loss " 500

To transfer the following accounts to  
 Profit Loss.

Thos. A. Edison, Inc. Direct Mfg. Co.  
 Bond Interest 199.  
 Hudson Mfg. Co. Settlement of 30<sup>th</sup>

79 Profit Loss " 501

To transfer the following account to  
 Profit Loss.

Meyer Benisch Bros 7904.06

18 Account Receivable " 502

To transfer the above amount  
 7 Thomas A Edison, Inc. 34,340.20 19

500

500

315

315

13346

13346

132986.67

18462.50

99.00.00

10437.17

7704.06

7704.06

34340.20

34340.20

Orange N.J. February 1912

133 Manufacturing 79 503  
General Expense 106

To charge Box Factory with expenses directly  
 chargeable to the debt amounting to \$214.93 and  
 also with its proportion of the expenses of  
 the non productive debt, based on the  
 productive labor performed by the debt  
 amounting to \$724.37

163 Box Factory \$5854.75

133 Manufacturing " 504

To charge Photograph account with  
 balance of Japanning account less  
 amount shown by inventory July 79 1912

5 Photograph \$7066.71 Japanning 773

133 Manufacturing " 505

To credit Photo account with above  
 amount as same covers difference in  
 amount charged direct to Packing &  
 Boxing during year and amount  
 transferred & charged to apparatus

710 Packing & Boxing 44331.80 Photographs 5

133 Manufacturing " 506

To transfer above amount as same  
 covers shrinkage in raw material  
 stock during year ending Feb. 79 1912

5 Photographs 12924.00 Raw Material 109

133 Manufacturing " 507

To credit Profit & Loss with above  
 amount as same covers net profit  
 realized on Box Factory for year  
 ending 79 1912

163 Box Factory \$5781.51

5854.75

5854.75

7066.71

7066.71

44331.80

44331.80

12924.00

12924.00

5781.51

5781.51

Orange N.J. February 1912

106 General Expense	79	508	7378.80	7378.80
(Coal Consumed)	Manufacturing	132		
To transfer above amount to same class amount of Coal used but not transferred during year				
	Coal	2378.80	435	
161 Sales		509	10992.94	10992.94
	Sales	161		
To transfer amount of scrap sales to Phonograph account				
144 Scrap	10992.94	Phonographs	7	
132 Manufacturing		510	1317.39	1317.39
	Manufacturing	132		
To transfer for rate difference in nickel plating account				
5 Phone	918.52	Nickel Plating	251	
704 Cabinet	121.74			
84 Porc. Kinds	105.39			
174 Misc	65.87			
161 Auto. Mnt. Mach	65.87			
132 Manufacturing		511	1333.495	1333.495
	General Expense	106		
To transfer expense directly chargeable to Bates diff				
161 Auto. Turning Machines	\$1,333.495			
118 Account Receivable		512	7000	7000
	Account Receivable	118		
To transfer the following account				
1 Bates Acct. Receivable	7000	Bates Acct. Receivable	1	
111 Patterson & Hanna	7000	Attorneys Account	8	
323 Thomas A. Edison Inc.		513	105773.08	105773.08
	Account Receivable	118		
To transfer the above amount from Bates Receivable ledger to General Ledger				
Thomas A. Edison Inc.	105773.08			

Orange N.J. February 1912

118 Account Receivable	79	514	7000	7000
	Account Receivable	118		
To transfer the following account as we have accepted \$1650 cash and Mr. Brewers bill for \$210 in full settlement of our claim against Patterson & Hanna amounting to \$2700				
1 Bates Acct. Receivable	7000	Bates Acct. Receivable	1	
118 H. W. Brewer	7000	Patterson & Hanna	111	
132 Manufacturing		515	1910.42	1910.42
	Sales	161		
To transfer above amount as same was distributed to Raw Material Sales as per list of R.M. bill attached. Raw material having been credited on transfer vouchers for corresponding months				
109 Raw Material	1910.42	Raw Material Sales	62	
311 Edison Storage Battery		516	807.86	807.86
	Account Payable	78		
To transfer the above amount to Ed. General Ledger				
Edison Storage Battery Co	807.86			
118 Account Receivable		517	749	749
	Account Payable	78		
To transfer the above amount				
100 Electro Chemical Engraving Co	749			
322 Thomas A. Edison Inc.		518	107927.69	107927.69
	Sales	161		
To charge Thos. A. Edison Inc. to make Phonographs was accounts equal 15% profit on Patent Material plus General Expense & Depreciation				
	R.M. Inc. Inventory	15%		
Phonographs	1148487.87	303716.70	74707.37	1002610
Wax	748309.11	74707.37	172015.74	259000
Phonograph & wax inventory books	20792.05	134178.39		
Wax & Shell as inventory books	36792.24	282070		
		107927.69		
	Phonographs	172007.64	7	
	Wax	172007.65	42	



Orange, N. J., February 1912

## Manufacturing

79

519

378 596.04

378 596.04

To distribute General Expense also  
over the following manufacturing  
accounts percentage 40 889.74

5 Phonographs	226.187.39
184 Auto. Mkt. Mchrs	15.495.04
42 Wax	38.600.09
174 Miscellaneous	311.259.70
143 Fan Motors	419.98
84 Projecting Kinds	16.970.27
704 Cabinet	45.870.70
741 See	692.87

## 161 Sales

## Manufacturing

523

128 752.287

128 752.287

To transfer cost of goods sold during  
year ending Feb'y 28, 1912 as shown by  
inventory

7 Phonographs	734.707.37	5
184 Auto. Mkt. Mchrs	60.581.45	184
42 Radio Mchrs	90.111	72
174 Wax	172.015.24	43
143 Miscellaneous	94.526.84	174
84 Fan Motors	15.641.88	143
704 Projecting Kinds	53.744.81	84
704 Matched Sales	15.967.29	62
704 Cabinet	124.642.15	704
741 See	21.648.44	741
	2,380.43	
	128,672.65	
	1,287,522.87	

Orange, N. J., February 1912

## 161 Sales

79

521

182 353.27

182 353.27

## Profit Loss

79

Profit Loss realized during  
year ending Feb'y 28, 1912

7 Phonographs	110.206.10
184 Auto. Mkt. Mchrs	12.887.61
42 Radio Mchrs	1.795.89
174 Wax	25.952.29
143 Miscellaneous	19.133.19
84 Fan Motors	740.161
704 Projecting Kinds	10,886.52
62 Matched Sales	12.29.45
704 Cabinet	1,888.88
741 See	317.39

## 79 Profit Loss

## Sundries

522

936.593

To depreciate the following accounts.  
This amount is in addition to depreciation  
made Dec 31, 1911.

Machinery Tools (10%)	257
Automobile (25%)	9
Furniture, Fixtures, Etc. (5%)	711

584.948

707.68

521.377

Orange, N.J. March 1912

49 Accounts Receivable 30  
Accounts Payable 5233  
 To transfer the above amount  
 7 J. H. A. Edison Inc 11,052.70 19

311 Edison Storage Battery Co 5234  
Accounts Payable 78  
 To transfer above amount to the General  
 Ledger.  
 Edison Storage Bat. Co. 191128 3

78 Accounts Payable 525  
Accounts Receivable 49  
 To transfer the following amounts:  
 110 Condensite Co. of America 12.00 101  
 6 F. H. Myers 162.7 100  
 3 Edison Storage Battery Co 872.54 2  
 1 J. H. A. Edison (Felt) 1,182.25 3  
 5 Edison Chemical Works 68.33 5  
 105 Mrs. J. H. A. Edison 5.09 51  
 108 W. Hooper 2.05 100  
 11 P. Walker 1.69 5

106 General Expense 526  
 sundries  
 To charge General Expense with the  
 above amount  
 This amount is chargeable for the month of  
 March 1912 as shown by the General Ledger  
 57-171 17500  
 58-133 49470  
 59-174 - 6274  
 66-130 - 9.17  
 58-130 - 766.50  
 346  
 337  
 347

Orange, N.J. March 1912

132 Manufacturing 50  
Manufacturing 527  
 To credit Packing & Shipping with an amount to  
 cover packing of machine delivered during month  
 of March 1912  
 102  
 5 Phonograph 2411.30  
 184 Built Machinery Works 59.94  
 Cr  
 Packing & Shipping 2471.74 710

Stam Phonographs	175 @ .50	61.50
Firewire	798 @ .55	438.90
Standard	1426 @ .55	784.30
Home	291 @ .60	174.60
Triumph	59 @ .90	53.10
Olva	2 @ .90	1.80
Olva	332 @ .90	298.80
Anticoda	48 @ .575	276.00
Dict. machines	353 @ .60	211.80
Shoring	130 @ .85	110.50
Balti	627 @ .09	56.61
Wigand	37 @ .09	3.33

44 Accounts Receivable 528  
J. H. A. Edison Inc 370  
 To transfer the above amount to the General  
 Ledger  
 7 J. H. A. Edison Inc 14915.54  
 14915.54  
 14915.54

Orange, N. J. April 1912

78 Accounts Payable	529	7705.05	
To change back note due this day to the Edison Portland Cement Co. Service note for amount of Edison Portland Cement Co. 7705.05	785	7705.05	
149 Accounts Receivable	530	130	
To transfer the above amount as the Roberts Printing Co have been purchased	49	130	
14 Roberts Son			
1 Roberts Accts Receivable 1/30 Roberts Accts Receivable	1		
1 Roberts Son 1/30 Roberts Ptg Co	51		
149 Accounts Receivable	531	30	
To suspense the following account	49	30	
1 Roberts Accts Receivable to Roberts Accts Receivable	1		
3 Suspense Acct 30 Wm C. Goodwin	107		
78 Accounts Payable	532	6238.82	
To transfer the following accounts	49	6238.82	
6 F. L. Hyder 324.86	100		
3 Edison Storage Bat Co 57.13	7		
1 Thos A Edison Inc 5648.09	3		
5 Edison Chemical Wks 15.63	5		
115 Mrs Thomas Edison 16.76	51		
11 P. Wiser 262	5		
5 C. H. Wilson 453	6		
106 General Expense	533	1528.17	
To change General Expense with the above amount			
This amount is chargeable for the month of April			
114 as shown by Baltimore ledger			
47-117 Taxes for Water	746		
58-133 Taxes Account	332		
57-174 6 1/2 Unexpended Insurance Premium	317		
16-130-9.17			
56-130-76.50			

Orange, N. J. April 1912

78 Accounts Payable	534	1855.93	
To transfer the above amount to Thomas A. Edison Inc. ledger	78	1855.93	
19 Thos A Edison Inc 104.07	16		
14 " " " 77.16	111		
14 " " " 5.50	243		
78 Accounts Payable	535	4728.93	
To transfer the above amount	78	4728.93	
105 Edison Storage Bat Co 4728.93	3		
149 Accounts Receivable	536	13019.87	
To transfer the above amount	78	13019.87	
7 Thomas A. Edison Inc 13019.87	19		
311 Edison Storage Bat Co	537	7326.38	
To transfer the above amount to the General ledger	78	7326.38	
Edison Storage Bat Co 7326.38	3		
149 Accounts Receivable	538	71320	
To change H. Frankman, with 16-5 wheel machine and 12-b wheel machines which were taken out of New York Office Stock. We agreed to settle with him for \$7500, the above amount represents the \$ difference between \$7500 and the cash which he collected	161	71320	
1 Roberts Accts Receivable 71320	212		
108 H. Frankman, Difference of 71320			
149 Accounts Receivable	539	75875.10	
To transfer the above amount to the General ledger	78	75875.10	
7 Thomas A. Edison Inc 75875.10			

Orange, N. J. April 1912

30 Manufacturing 540 272754 272754

To credit Packing Boxing with an amount  
to cover packing of machines delivered during  
month of April 1912

5 Phonographs 2661.30  
16 Auto-Mechanical Machines 662.74  
Packing Boxing 272754 1910

Rem Phonographs	160	@ .50 =	80.00
Triumph	817	@ .55 =	449.35
Standard	1154	@ .55 =	634.70
Home	300	@ .60 =	180.00
Triumph	37	@ .90 =	33.30
Alba	3	@ .90 =	2.70
Antares	41	@ .55 =	22.55
Alora	610	@ .90 =	549.00
Dictating Machines	666	@ .60 =	399.60
Shaving	114	@ .85 =	96.90
Bates	688	@ .09 =	61.92
Wizard	48	@ .09 =	4.32

Orange, N. J. May 1912

50 Thomas A. Edison Inc 541 540. 540

To transfer debit balance appearing in the  
account of C. J. Francine the Phonograph  
Edison on Bates Mfg Co account Receivable  
ledger to Thomas A. Edison Inc ledger.  
Bates Acct. Receivable 542 /  
C. J. Francine the Phonograph 108

49 Accounts Receivable 542 27. 27

To Credit Worth Bros Co with the above  
amount. This amount was charged off to  
Suspense on April 27, 1911  
Bates Acct. Receivable 27 / Bates Acct. Receivable 1  
Suspense Account 27 / Worth Bros Co 112

106 General Expense 543 146572

To charge General Expense with the  
above amount  
This amount is chargeable for the month of  
May 1912 as shown by the General ledger.

57-177	Reserve for Water	796	17500
58-133	Taxes Overhead	337	432.51
57-174 - 62.74	Unexpired Ins. Prem	347	858.41
65-130 - 9.17			
58-130 - 766.50			

78 Accounts Payable 544 992792 992792

To transfer the above amount to the  
General ledger.  
Insurance Reserve Fund 992792

78 Accounts Payable 545 4976 4976

To transfer the above amount  
Edison Storage Batt Co 2661 Edison Storage Batt Co 105  
Eric Railroad Claims 27-15 74440 H. A. R. Co. Claims 202

Orange, N.J. May 1912

18	Accounts Payable	546	3549.73	3549.73
	To transfer the following account			
6	Z. L. Meyer	79.61	51	
3	Edison Storage Battery Co	57.08	7	
1	Thos. A. Edison Inc. (Pat.)	2702.40	3	
5	Edison Chemical Works	218.18	5	
105	Mrs. Thos. A. Edison	78.62	51	
105	D. Hooker	.43	100	
101	H. J. Becking	1.02	100	
202	Lee Lins & Rutten Co	12.64	100	
111	C. Schiffel	9.41	100	
11	P. Weber	18.60	5	
5	C. H. Wilson	472	6	

18	Accounts Payable	547	1366	1366
	To transfer the above amount to T.A. Edison, Inc. Ledger			

19 Thomas A. Edison Inc. 136 Lee Lins & Rutten Co 202

49	Accounts Receivable	519	8455.19	8455.19
	To transfer the above amount			
7	Thomas A. Edison, Inc.	8455.19	19	

18	Accounts Payable	549	8856.93	8856.93
	To transfer the above amount to Edison Storage Battery Co 311			
	General Ledger			
3	Edison Storage Battery Co	8856.93		

49	Accounts Receivable	550	8151.495	8151.495
	To transfer the above amount to Thos. A. Edison, Inc.			
7	General Ledger			
	Thos. A. Edison, Inc.	8151.495		

Orange, N.J. May 1912

311	Edison Storage Bat. Co.	551	78.61	78.61
	To transfer the above amount to the General Ledger			
	Edison Storage Battery Co. 78.61			

131	Manufacturing	552	7059.52	7059.52
	To credit Packing & boxing with an amount to cover packing of machines delivered during month of May 1912			

5	Photographs	7001.65		
165	Auto Numbering Machine	57.87		
	Packing & Boxing	7059.52	7110	

Sam Photographs	138 @ .50 =	69.00		
Lincoln	492 @ .55 =	270.60		
Standard	652 @ .55 =	347.60		
Home	219 @ .60 =	131.40		
Triumph	19 @ .90 =	17.10		
Alva	1 @ .90 =	.90		
Ambrosia	17 @ .575 =	9.775		
"	96 @ .575 =	55.200		
Opera	208 @ .90 =	187.20		
Relating Machine	442 @ .60 =	265.20		
Shoring	74 @ .85 =	62.90		
Boiler	594 @ .09 =	53.46		
Wigard	49 @ .09 =	4.41		

Orange, N.J. June 1912

14	Accounts Receivable	553	67	67
	Manufacturing	134		
	To transfer the above amount account by Error in distribution of Register of Unit for September 1911			
1	Bates Accts Receivable	144		
16	M.S. D.O. Ryck			
	by Fan Motor			
14	Accounts Receivable	551	7803.14	7803.14
	Accounts Payable	78		
	To transfer the above amount			
1	Thomas A. Edison Inc	7803.14	19	
14	Accounts Receivable	555	39908.24	39908.24
	Thomas A. Edison Inc	323		
	To transfer the above amount to the General Ledger			
1	Thomas A. Edison Inc	39908.24		
78	Accounts Payable	556	137476	137476
	Accounts Receivable	49		
	To transfer the following accounts			
13	Cable Expenses	1.40		
6	F. K. Ryck	55.21	51	
3	Edison Storage Battery Co	597.58	7	
1	Thos. A. Edison, Fuel	674.03	3	
1	Edison Chemical Works	65.84	5	
106	Mrs. Thomas A. Edison	16.00	51	
11	P. Weber	10.07	5	
5	C. H. Wilson	7.90	6	
211	Edison Storage Battery	557	653576	653576
	Accounts Payable	78		
	To transfer the above amount to the General Ledger			
	Edison Storage Battery Co	653576	3	
78	Accounts Payable	558	9667	9667
	Accounts Payable	78		
	To transfer the above amount			
19	J. A. Edison Inc	55.30	Standard Envelope Co	19
20	Chas. E. Becker	41.37	J. A. Edison Inc	19

Orange, N.J. June 1912

78	Accounts Payable	559	63	63
	Accounts Payable	78		
	To transfer the above amount			
19	E. E. Williston Co	63	E. F. Reese Co	7
78	Accounts Payable	560	60	60
	Accounts Receivable	49		
	To transfer the above amount			
20	Crocker-Hartford	60	Bates Mfg Co	1
			Crocker-Hartford	165
106	General Expense	561	149072	
	Summaries			
	To charge General Expense with the above amount.			
	This amount is chargeable for the month of June 1912			
	54-177	Reserve for Water	776	700.00
	58-133	Taxes Accrued	332	437.31
	57-174	Unexpired Insurance	442	858.41
	68-120			
	58-120			

See page No. 136

Orange, N. J. June 1912

13th Manufacturing 29 562 1868 47 1868 47.

To credit Packing & Shipping with an amount  
to cover packing of machines delivered  
during month of June 1912

5 Phonographs 154.55  
185.00  
185.00  
Packing & Shipping 1868 47 710.

Sam Phonographs	66	@	.50	=	33.00
Fineans	273	.	.55	=	150.15
Edisons	471	.	.55	=	259.05
Home	127	.	.60	=	76.20
University	11	.	.90	=	9.90
University	26	.	.55	=	14.50
University	122	.	.55	=	70.10
Opera	173	.	.90	=	155.70
Vocalizing Machines	257	.	.60	=	214.20
Edison	121	.	.85	=	102.85
Batteries	466	.	.09	=	41.94
Weyand	22	.	.07	=	1.54

Orange, N. J. July 1912

19 Accounts Receivable 563 173 173.

To suspense the above amount as same was  
paid by Mr. Wilson and was either lost in the  
shipping room or paid through a cash advance.

51 Suspense Account 173 Mr. Wilson 51

19 Accounts Receivable 564 16 16.

To transfer the above amount entered in  
abstract in error on July 10 to Thomas A.  
Edison. Feb. and should be Thomas A. Edison, Inc.  
Foreign Dept.

51 Thomas A. Edison, Inc. 16 Thomas A. Edison, Inc. 51

19 Accounts Receivable 565 940 940.

To suspense the following account

1 Bates Debt Receivable 940 Bates Debt Receivable 1  
3 Suspense Account 940 The Western Co. 50

19 Accounts Payable 566 879.77 879.77.

To transfer the above amount

1 Cutter, Hammer Co	801	100
6 F. H. Meyer	2364	51
3 Edison Storage Battery Co	518.90	✓
1 Thomas A. Edison, Inc.	277.42	3
100 Mrs. Thomas A. Edison	28.41	51
111 C. Schiffl	567	100
111 P. Weber	1073	5
5 C. H. Wilson	649	6

19 Accounts Payable 567 60 60.

To transfer the above amount

200 Crutchfield & Sons 60 Bates Mfg Co 1  
60 Crutchfield & Sons 115

Orange, N.J. July 1912

19 Accounts Receivable 568 7073.72  
 Account Payable 19 7073.72  
 To transfer the above amount  
 1 Thomas A Edison Inc 7073.72

19 Accounts Payable 569 4791.46  
 Edison Storage Battery Co 11 4791.46  
 To transfer the above amount to the General  
 Ledger  
 Edison Storage Battery Co 4791.46

19 Accounts Payable 570 826.33  
 Account Payable 18 826.33  
 To transfer the above amount to the  
 Thomas A Edison Inc ledger  
 19 Thomas A Edison Inc 826.33 Standard Metal Mfg Co 112

19 Accounts Payable 571 755.76  
 Account Payable 18 755.76  
 To transfer the above amount  
 1 Public Service Corp 755.76 Public Service Corp Co 203

100 General Expense 572 1507.59  
 Sundries

To charge General Expense with the above  
 amount this amount is chargeable for the  
 month of July 1912 as shown by the General  
 Ledger

57-111  
 58-123  
 57-174 67.74  
 66-120 9.17  
 58-120 786.50

Receive for Water 796  
 Taxes Allowed 307  
 Unexpended Dns. Over 307

70000.  
 48898.  
 85841.

19 Accounts Receivable 573 48553.75  
 Thomas A Edison Inc 373 48553.75  
 To transfer the above amount to the General  
 Ledger  
 1 Thomas A Edison Inc 48553.75

Orange, N.J. July 1912

134 Manufacturing 574 7708.37  
 Manufacturing 134 7708.37  
 To credit Packing and Hooping with an amount  
 to cover packing of machines delivered during  
 month of July 1912

5 Phonographs 7153.15  
 185 Public Utility Machines 5517  
 Or  
 Packing Hooping 7708.37-710.

Sam Phonographs	77	@ 50 =	3850.
Fireside	794	" 55 =	16170.
Standard	548	" 55 =	30140.
Home	108	" 60 =	6480.
Triumph	17	" 90 =	1530.
Ambrose	17	" 5.75 =	69.00.
" 3-1	205	" 5.75 =	1167.25
Osaka	90	" 90 =	8100.
Whistling Machines	799	" 60 =	17940.
" Shaking	88	" 85 =	7480.
Bells	574	" .09 =	51.66.
Wigford	39	" .09 =	3.51





Orange, N.J. August 1912

49 Accounts Receivable	583	446.52.99	446.52.99
Thomas D. Edison Inc 373			
To transfer the above amount to the General Ledger.			
7 Thomas D. Edison Inc	446.52.99		
79 Accounts Payable	584	270.76.04	270.76.04
Edison Storage Battery Co 211			
To transfer the above amount to the General Ledger.			
3 Edison Storage Battery Co	270.76.04		
134 Manufacturing	585	571.50	571.50
Manufacturing 134			
To transfer the above amount			
7, Nationalistic Munt. Mkt. Royalty 571.50 Radio Munt. Mkt. 185.			

Orange, N.J. September 1912

49 Accounts Receivable	586	210.	210.
Accounts Receivable 49			
To transfer invoice # 5150 appearing in account of Richmond, Fredericksburg & Potomac R.R. Co to Washington Southern Ry. Co. A/c being paid this day by latter Co.			
1 Radio A/c's Receivable	210		
114 Washington Sou. Ry. Co	210		
49 Accounts Receivable	587	08.	08.
Accounts Receivable 49			
To suspense the following account			
1 Radio A/c's Receivable	08		
107 Grand Rapids Elec. Co	08		
Suspense Account			
373 Thos. A. Edison Inc	588	1000000.00.	1000000.00.
Notes Receivable 785			
Amount of four notes for 25000 each from Edison Storage Battery Co. in favor Edison Storage Works endorsed over by Works to Thos. A. Edison Inc.			
Notes are dated 11/29/12, 11/30/12, 12/1/12, 12/1/12			
79 Accounts Payable	589	771.61.	771.61.
Accounts Payable 49			
To transfer the following account.			
6 F. L. Weyer	53.19		
1 Edison Storage Battery Co	1479.97		
1 Thos. A. Edison (Cash)	6.84.84		
5 Edison Chemical Works	52.61		
105 Thos. A. Edison	29.65		
204 Halozin Products Co	19.77		
104 H. J. Lehmann	47		
11 R. W. Waker	8.34		
5 C. H. Wilson	7.10		
17 Thomas A. Edison Inc	6.750.23		
49 Accounts Receivable	590	489.71.46.	489.71.46.
Thos. A. Edison Inc 373			
To transfer the above amount to the General Ledger			
7 Thomas A. Edison Inc	489.71.46		

Orange N.J. September 1912

106 General Expense 30  
Sundries 591 ✓  
 To transfer the above amount to General Expense. This amount is chargeable for the month of September 1912 as shown by the General Ledger.  
 57-177 Revers for Water 796  
 58-133 Taxes Delivered 337  
 57-174 62.74 Unexpended Ins. Premium 347  
 68-120 9.17  
 58-120 78.50

79 Accounts Payable 592  
Accounts Payable 79  
 To transfer the above amount

206 Schuchart & Schittler 1467 Strahmeyer & Hefel 206

79 Accounts Payable 593  
Accounts Payable 79

To transfer the above amount from  
 to Thomas A. Edison Inc. Ledger  
 117 Fletcher Stanley 617.50 Thomas A. Edison Inc.  
 11 Chas. Schittler 69 " " "

211 Edison Storage Battery Co 594  
Accounts Payable 79

To transfer above amount to the General Ledger  
 Edison Storage Battery Co 7351.43

1490.74

1462

1462

618.19

618.19

7351.43

7351.43

Orange N.J. September 1912

134 Manufacturing 30  
Manufacturing 595  
 To credit Packing & Paving with an amount  
 to cover packing of machines delivered during  
 month of September 1912  
 1652.95  
 185 Auto. Rebuilding Machine 72.72  
 Or  
 Packing & Paving 1726.67

Rem. Photographs	156	@	50	=	78.00
Excise	320		55	=	286.00
Standard	690		25	=	172.50
Horse	161		60	=	96.60
Triumph	37		90	=	33.30
Helia	1		90	=	.90
Olona	93		90	=	83.70
Ambrala	16		57.5	=	920.00
"	37		75	=	4.50
Dictating Machine	556		.60	=	333.60
" Elby "	91		.85	=	77.35
Blue Photographs	14,000		5.75	=	80.50
Pathe Machine	779		.09	=	70.11
Weyand	29		.09	=	2.61

Orange, N.J. October 1912

49 Accounts Receivable 596  
Accounts Receivable 49

To transfer the debit balance appearing in the account of Morison, Hobart Co. to the Raylin Office Equipment Co. as the latter company has purchased the former

1 Radio Aerials Receivable 48 Radio Aerials Receivable 1  
 65 Raylin Office Equipment Co. Morison, Hobart Co. 75

49 Accounts Receivable 597  
Accounts Receivable 49

To correct error in abstract, folio # 1106, entries # 2200 & 2205 abstracted to this A. Edison, both should be Edison Storage Bat Co. The first put there in deb account of Edison Storage Battery Co.

7 Edison Storage Battery Co. 48 Edison Storage Bat Co.

49 Accounts Receivable 598  
Accounts Receivable 49

To transfer the following accounts:

1 Radio Aerials Receivable 527 Radio Aerials Receivable 1  
 8 Attorney's Account 227 New Haven, N.H. to 109  
 115 Brooklyn Board of Trade 220 Attorney's Account 5  
 109 New Orleans Credit Mending Co. Office Supply Co. 107  
 3 Successive Account 192  
 108 Broad Dispensary .05 Successive Account 3

311 Edison Storage Battery Co. 599  
Accounts Receivable 49

To transfer the above amount to the General Ledger

Edison Storage Battery Co. 104

49 Accounts Receivable 603  
Accounts Receivable 49

To transfer the above amount to the General Ledger

Thomas A. Edison, Inc. 104, 173.99

1400. 1400

160. 160

3737. 3737

175623. 175623

104 173.99. 104 173.99

Orange, N.J. October, 1912

107 General Expense 601  
General Expense 601

To transfer the above amount to General Expense. This amount is chargeable for the month of October 1912, as indicated by the General Ledger

57-177 Reserve for Water 76  
 58-133 Taxes Accrued 33  
 59-174 674 Unexpired Insurance 34  
 66-130 917  
 58-130 7650

49 Accounts Payable 602  
Accounts Payable 49

To transfer the following accounts:

6 J. E. Miller 3712 51  
 1 Mrs. A. Edison, Bat 1622 76 3  
 5 Edison Chemical Works 76 96 5  
 105 Wm. Thon & Edison 3453 51  
 50 W. J. Hersee 121 100  
 50 A. R. M. Coy 41 100  
 11 P. Weber 565 5  
 5 C. Wilson 721 6

General Expense 603  
Accounts Payable 79

To transfer the above amount to the General Ledger

372 Thomas A. Edison, Inc. 78 4420 19  
 317 Edison Storage Bat Co. 917 23 3  
 760 Edison Storage Bat Co. 1018 27 105

49 Accounts Payable 604  
Accounts Payable 604

To transfer the above amount

204 New Orleans Credit Mending Co. Radio Mfg. Co. 1  
 64 New Orleans Credit Mending Co. 109

49 Accounts Payable 605  
Accounts Payable 605

To transfer the above amount

Edison Chemical Works 263 John Miller 101

149074. 149074

173503. 173503

2764750. 2764750

64. 64

763. 763

Orange N.J. October 1912

At Manufacturing 31  
 Manufacturing 606  
 BH

To credit Packing & Boxing with an amount to cover packing of machine delivered during month of October 1912

6 Photographs 2422.65  
 150 Auto. Mch. 875

Packing & Boxing 2511.40

6 Photographs	107 @ .50 =	73.50
Finest	133 @ .55 =	73.65
Standard	164 @ .55 =	104.20
Home	407 @ .60 =	244.20
Triumph	15 @ .90 =	13.50
Edith	1 @ .90 =	.90
Alma	2 @ .90 =	1.80
Amber	57 @ .55 =	31.25
Concert	65 @ .50 =	32.50
Bliss Photo A 150	120 @ .90 =	108.00
" 200	37 @ .45 =	16.65
" 250	37 @ .45 =	16.65
" 250	30 @ .55 =	16.50
Dictating Machine	46 @ .60 =	27.60
Edith	65 @ .35 =	22.75
Ward	94 @ .09 =	8.53
Home Shop	27 @ .09 =	2.43
	260 @ .13 =	33.80

2511.40

2511.40

Orange N.J. November 1912

373 John A. Edison Inc 607

Notes Receivable 785  
 Amount of four notes for \$25,000 each from Edison Storage Battery Co. in favor of Edison Photo Works endorsed over by Works to John A. Edison Inc.  
 Notes are dated 11/11/12 and due 12/11/12, 1/11/13, 2/11/13, 3/11/13

373 Thomas A. Edison Inc 608

Notes Receivable 50  
 To transfer the above amount from John A. Edison Inc. to Thomas A. Edison Inc.  
 Balance Receivable 11.14 /  
 John A. Edison Inc 11.14 54

50 Accounts Receivable 609

Notes Receivable 50  
 To transfer the following account:  
 1 Balance Receivable 217  
 17 Commercial Bank of Baltimore 17  
 105 Wm J. C. Melany Co 105  
 105 Wm J. C. Melany Co 105  
 105 Wm J. C. Melany Co 105

50 Accounts Receivable 610

Notes Receivable 50  
 To transfer the following account:  
 1 Balance Receivable 118  
 105 Wm J. C. Melany Co 105  
 105 Wm J. C. Melany Co 105  
 105 Wm J. C. Melany Co 105

373 Edison Storage Battery Co 611

Notes Receivable 50  
 To transfer the above amount to the General Ledger  
 Edison Storage Battery Co 1209.52

50 Accounts Receivable 612

Notes Receivable 1952.97  
 To transfer the above amount to the General Ledger  
 Thomas A. Edison Inc 1952.97

Orange, N.J. November 1912

79 Accounts Payable		613	3722.17
Accounts Receivable 50			3722.17
To transfer the following accounts			
1	F. L. Wyle	24.81	51
1	Thos. A. Edison Pat.	2646.67	3
5	Edison Chemical Works	2.63	5
1/15	Mrs. Thomas A. Edison	19.88	8
21	C. Schieff	17.19	51
300	Shawlow Bros	15.81	100
11	P. Water	.31	5
5	C. H. Wilson	.13	6

Sundries		614	1009.189
Accounts Payable 79			1009.189
To transfer the above amount to the General Ledger			
323	Thomas A. Edison Inc.	4798.75	19
317	Edison Storage Battery Co.	5293.14	5

107 General Expense		615	1490.73
Sundries			
To transfer the above amount to General Expense. This amount is charge for the month of November 1912 as shown by the General Ledger			
57-177	Revenue for Water	796	
58-133	Taxes Received	338	
57-174	Unexpended Int. Payments		
66-120			
58-120			

November Continued on folio 151

Orange, N.J. November 1912

31 Manufacturing		616	8312.65
Manufacturing			8312.65
To credit Packing & Picking with the amount of cost packing of machine delivered during month of November 1912			
6	Photographs	8710.75	
185	Auto Mould Makers	102.42	
Or			
Packing & Picking 8312.65-7.11			

Low Photographs		85 @ .50 =	42.50
Fairside	2479	.50 =	1638.25
Standard	1581	.50 =	853.25
Home	555	.60 =	333.00
Triumph	277	.90 =	19.80
Concent	491	.90 =	441.90
Antivola	63	5.75 =	362.25
	170	4.50 =	765.00
School	4	.90 =	3.60
Alba	1	.90 =	.90
Dictating Machine	489	.60 =	293.40
" Sharp	108	.85 =	91.80
Home	166	.13 =	21.58
Bates	1067	.09 =	96.03
Weyard	71	.09 =	6.39
Rich Photos A 60	1	.50 =	.50
" " " 150	257	4.25 =	1092.25
" " " 700	317	4.25 =	1326.00
" " " 750	157	5.75 =	902.75
" " " 290	1	4.25 =	4.25
" " " 300	1	5.75 =	5.75
" " " 375	1	5.75 =	5.75
" " " 450	1	5.75 =	5.75

Orange, N.J. December 1912

161 Sales

31

617

General Expense 107

1540.34

1540.3

To credit General Expense with the above amount as same was distributed in error to Material Sales as shown below.

62 Material Sales 1540.34

Retail	Month	Amount	
20.44	March 1912	8.37	
45		7.90	
46		1.11	17.28
30.94	April	7.45	
95		4.16	
96		5.71	
97		1.94	19.26
317.00	May	1.70	
01		3.44	
02		7.16	
03		8.51	
04		5.58	26.40
375.17	June	4.86	
18		5.69	
19		9.62	
20		1.43	
21		72	
22		2.7	22.59
379.06	July	5.65	
7		6.83	
8		1.91	14.39
337.19	August	4.31	
20		2.34	
21		2.04	
22		6.22	
23		8.03	
24		7.19	
25		86	31.01
312.83	September	7.60	
4		9.36	
5		6.14	23.10

Orange, N.J. December 1912

317 Edison Storage Bat. Co.

31

618

375 Thomas A. Edison Inc.

11837.82

2789.68

3972.96

To transfer the above amount to the General Ledger  
Edison Storage Batts. 11837.82  
Thos. A. Edison, Inc. 2789.68

79 Account Payable

619

Account Receivable 50

2951.49

2951.49

To transfer the following accounts

11	E. J. Berggren	2.25	4
6	F. J. Meyer	10.89	51
1	Thos. A. Edison Bat.	2370.62	3
5	Edison Chemical Works	253.25	5
105	Mrs. Thos. A. Edison	13.16	8
105	Frank Erwin	.33	100
207	P. Walter	.89	5

50 Account Receivable

620

Account Receivable 50

375

375

To suspense the following accounts

1	Bat. Acct. Receivable	25	Bat. Acct. Receivable	1
2	Suspense Acct	283	Bat. Acct. Receivable	50
	"	92	P. J. Meyer	50

107 General Expense

621

Sundries

1500.80

To transfer the above amount to General Expense. This amount is chargeable for the month of December 1912 as shown by the General Ledger.

57-177	Resins for Water	296	✓	200.00
58-133	Taxes Collected	332	✓	442.40
57-174	✓	62.72	✓	858.40
68-130	✓	9.17		
58-130	786.50			

Orange, N. J. December 1912

✓ Sundries

31

622

Account Payable 79

1313582

✓ 1313582

To transfer the above amount to the

General Ledger

323 Thomas O. Edison Inc 11718.20 ✓ 19

317 Edison Storage Bat. Co 1345.79 ✓ 3

360 Edison Storage Bat. Co. Outfit 2173 ✓ 105

79 Account Payable

623

Account Payable 79

100

✓ 100

To suspense the above amount

122 Suspense 100 Kelley Co 212

36 Insurance Recounting

624

Referred Charges 15

1100

✓ 1100

To charge Insurance Recounting fund with amount paid to Edwin Simpson.

Edwin

Week ending Dec 14 5.50

" " 25 5.50

36 Insurance Recounting Fund

625

General Expense 149-581 107

10000

✓ 10000

Five weeks pay advanced to William Hamilton and charged to Pay Roll while he was absent from his work. These payments were included in Pay Roll drawn out of regular funds and charged to General Expense. His absence was due to injury to two of his toes on office elevator Oct 15 & 1912 and this entry is sent through to charge Insurance Recounting Fund. See check on Fidelity Trust Co transferring this amount to Regular funds.

317 Edison Storage Bat. Co

626

Edison Storage Bat. Co 760

1070270

✓ 1070270

To transfer the debit balance appearing in the Edison Storage Battery Co interest account to Edison Storage Battery Co regular account, as shown after it is to be run in the one account.

Orange, N. J. December 1912

31 Manufacturing

31

627

Manufacturing 31

91448.5

✓ 91448.5

To Credit Packing & Shipping with an amount to cover packing machine delivered during month of December 1912

6 Phonographs

9079.60

185 Cule Valve Mch

55.25

Or

Packing &amp; Shipping 91448.85 ✓ 71

Rem Phonographs

46 @ .50 = 23.00

Five-side

2737 @ .55 = 1505.35

Standard

1615 @ .55 = 887.25

Home

331 @ .60 = 198.60

Trump

55 @ .90 = 51.50

Concert

163 @ .90 = 146.70

Autofone

37 @ 5.75 = 212.75

" #3

88 @ 4.50 = 396.00

School

1 @ .90 = .90

Olva

1 @ .90 = .90

Dictating Machine

495 @ .60 = 297.00

Shag

84 @ .85 = 71.40

Home

540 @ .13 = 70.20

Radio Autokent

704 @ .09 = 63.36

Weyand

21 @ .09 = 1.89

Bible Shows A

447 @ 4.25 = 187.85

" " 700

460 @ 4.25 = 1955.00

" " 250

231 @ 5.75 = 1328.25

" " 300

10 @ 5.75 = 57.50

" " 475

1 @ 5.75 = 5.75

" " 450

1 @ 5.75 = 5.75

79 Profit Loss

Sundries

628

40612.67

✓ 40612.67

To depreciate the following accounts

Autofone 5882.00 @ .25 = 1470.50

Fidelity Trust Co 1231.61 377

Machy Tools 360.70 70 106.75



Orange, N.J. January 1913

50 Accounts Receivable

31

629

Accounts Receivable 50

To transfer the following accounts  
 1 Radio Aerial Receivable  
 3 Surface Aerial  
 To Buffalo, Rock, Pittsboro, N.C.  
 W. F. Linnett 50

79 Accounts Payable

31

630

Accounts Payable 50

To transfer the above amount  
 1 Thos. A. Edison Inc. 1762.12 3  
 5 Edison Chemical Works 10.30 5  
 105 Mrs. J. A. Edison 1186.5 8  
 21 C. Schiffler 5.10 51

107 General Expense

31

631

Sundries

To transfer the above amount to General  
 Expense. This amount is chargeable for the  
 month of January 1913 as shown by the  
 General Ledger.  
 57-171 Recs. for Water 746  
 58-133 Taxes Received 332  
 57-174 2166  
 58-130 917  
 58-130 746.16

✓ Sundries

31

632

Accounts Receivable 50

To transfer the following account to  
 the General Ledger  
 317 Edison Storage Battery Co. 647.10 2  
 323 Thos. A. Edison Inc. 107.36 90 7

79 Accounts Payable

31

633

Accounts Payable 79

To transfer from Thos. A. Edison Inc.  
 Ledger  
 107 Fletcher Stanley Co. 79.19 2  
 Thos. A. Edison Inc. 19

Orange, N.J. January 1913

135 Manufacturing

31

634

Manufacturing 135

To credit Packing of Packing with an amount  
 to cover packing of machines delivered  
 during month of January 1913.  
 6 Phonographs 179.64 1  
 185 Radio Mounting Machine 70.20

Packing of Packing 8026.61 711

Item Phonographs	226	@	50	=	16300
Inside	1484		55	=	81620
Standard	1478		55	=	81290
Home	150		60	=	9000
Trinity	14		90	=	1260
Concert	74		90	=	7110
Amberola I	66		575	=	37950
Amberola II	58		450	=	26000
School	71		90	=	6390
Dictating Machine	627		60	=	37620
" " " " " " " "	80		35	=	2800
Home	562		13	=	7306
Balls	709		29	=	20661
Wigard	71		29	=	2061
High Phonographs	335		425	=	142375
"	1700		327	=	556700
"	1760		287	=	505020
"	1790		1	=	1790
"	200		4	=	800
"	275		7	=	1925
"	475		1	=	475
"	480		3	=	1440

✓ Sundries

31

635

Accounts Payable 79

To transfer the above amount to the  
 General Ledger  
 317 Edison Storage Battery Co. 79.19 2  
 " " " " " " " " 37.36 105  
 323 Thos. A. Edison Inc. 893.16 19



Orange N.J. February 1913

79 Accounts Payable 28 642  
 Accounts Payable 79  
 To transfer 1<sup>st</sup> received from the Emerson  
 Electric Mfg Co to United States Express Co  
 claim of a settlement of our claim 100<sup>00</sup> 56  
 2<sup>nd</sup> Emerson Mfg Co 100<sup>00</sup> U.S. Express Co, claim of 100<sup>00</sup>

79 Accounts Payable 643  
 Accounts Payable 79  
 To transfer the above amount as paid  
 Memorandum attached  
 5<sup>th</sup> Hamilton Co 1905<sup>00</sup> Edison Storage Bat. Co 3

135 Manufacturing 644  
 Manufacturing 135  
 To charge Phonograph Account with  
 the following  
 6 Phonograph 79 16.90 Raw Material 110  
 Detail  
 19 19<sup>00</sup> Harvett Diamond Points.  
 1165<sup>00</sup> Hrs @ 3.00 4090.29  
 753<sup>00</sup> " " 7.00 5274.30  
 9364.59  
 Less 1513<sup>00</sup> Hrs @ 9.00 1427.69  
 7926.90

To we purchase diamond points originally 47.50  
 per dozen with provision that we could reject  
 up to 50% of quantity purchased and with  
 further provision that we could accept entire  
 lot at 3.50 per point and having found it to  
 our advantage to accept the latter, the  
 above entry is necessary to charge above  
 account with the difference in value of  
 the rejected points and their value is set  
 as diamond band. Further regarding  
 the 700 per hour lot the Harvett Cutting  
 Co have not made an adjustment.

80 Accounts Payable 645  
 Accounts Payable 80  
 To transfer the following from Edison Mfg Co  
 13 M. B. Romaine 3000<sup>00</sup> Edison Mfg Co 19

150<sup>00</sup> ✓ 150<sup>00</sup>

1955<sup>00</sup> ✓ 1955<sup>00</sup>

7926.90 ✓ 7926.90

3000<sup>00</sup> ✓ 3000<sup>00</sup>

Orange N.J. February 1913

80 Accounts Payable 28 646  
 Accounts Payable 80  
 To transfer the following accounts  
 from Thomas A. Edison, Inc. Ledger  
 Nathan Hyman Co 35 Thos A. Edison Inc 19  
 20<sup>00</sup> Wheeling Cordage Co 15375<sup>00</sup> 19

80 Accounts Payable 647  
 Accounts Payable 80  
 To suspense the following accounts  
 101 Suspended Account 71 Richard Neale 50  
 101 6890 M. B. Romaine 13  
 703 Condon Hunt Elec Co 30 Suspense Acct 101  
 101 Walker Electric Co 75 101

79 Profit Loss 648  
 Accounts Payable 80  
 To transfer the following to Profit Loss  
 16 Suspense Acct 102

80 Accounts Payable 649  
 Accounts Payable 80  
 To cancel the second item appearing on  
 February Journal Entry # 649 as same  
 cannot be suspended until May on  
 account of additional entries against  
 the suspended account occurring in May  
 13 M. B. Romaine 8890 Suspended Ac 102

107 General Expense 650  
 Sundries  
 To transfer the above amount to General  
 Expense. This amount is chargeable for  
 the month of February 1913 as shown by  
 the General Ledger  
 57-177 Reserve for Water 796  
 58-133 Taxes Advanced 332  
 57-174 3166 Unexpended Ins. Pmt 312  
 68-130 917  
 58-130 79880

15360<sup>00</sup> ✓ 15360<sup>00</sup>

9016<sup>00</sup> ✓ 9016<sup>00</sup>

16<sup>00</sup> ✓ 16<sup>00</sup>

8890<sup>00</sup> ✓ 8890<sup>00</sup>

1572151 ✓

7500<sup>00</sup> ✓  
 43857 ✓  
 63963 ✓

Orange, N.J. February 1913

135 Manufacturing 651

To credit Packing & boxing with an amount  
to cover packing of machines delivered during  
February 1913

6 Phonographs  
160 Auto. Dict. Mach.

975.137  
966.4

Or  
Packing & boxing 934.96

Auto Phonographs	166 @ 50.	83.00
Five-side	141 @ 55.	78.15
Standard	247 @ 55.	135.35
Home	184 @ 60.	110.40
Trinity	5 @ 90.	4.50
Concert	155 @ 90.	139.50
Ambrule 1st	58 @ 575.	333.50
" 2nd	63 @ 350.	219.50
" 3rd	63 @ 180.	114.20
Alma	1 @ 90.	90
School	11 @ 90.	990
Dictating Machine	744 @ 60.	446.40
" Skop	149 @ 85.	126.65
Home	94 @ 13.	12.22
Bates	1026 @ 29.	92.34
Wigand	70 @ 29.	63.00
Miss Jones 2	320 @ 425.	136.00
" "	200 @ 460.	117.60
" "	275 @ 575.	1581.25
" "	12 @ 575.	69.00
" "	74 @ 12 @ 425.	51.00
" "	300 @ 9 @ 575.	51.75
" "	12 @ 575.	69.00
" "	3 @ 575.	17.25
" "	400 @ 7 @ 575.	407.50
" "	450 @ 5 @ 575.	28.75

65 Unclaimed Wages 652

To transfer the above amount to Profit Loss

934.96  
934.96

748.00

748.00

Orange, N.J. February 1913

78 Profit Loss

78

653

Accounts Receivable 50

To write off amount of Profit Suspense account  
for fiscal year ending Feb. 28, 1913

Bates Receivable 204.1

Bates Suspense Debt 40.47

78 Profit Loss

78

654

Accounts Receivable 50

To write off amount of Works Suspense  
account for fiscal year ending Feb. 28, 1913

Suspense Debt 173.51

80 Accounts Payable

80

655

Accounts Receivable 50

To transfer the following account

1	Thomas A. Edison Co.	114.18	3
5	Edison Chemical Works	22.70	5
10	Mrs. Thos. A. Edison	8.75	8

✓ Sundries

✓

656

Accounts Receivable 50

To transfer the following amount to the

General Ledger		
325	Thomas A. Edison Co.	7
317	Edison Storage Battery Co.	740.81

325 Thomas A. Edison Co.

325

657

Sales 161

To charge Thos. A. Edison Co. with above amount

as same shows sale of P. K. screens to them up to

7/1/13. These screens were not listed in regular

way owing to complication which came of later

transferring the Dept. from Laboratory to Work

and not keeping record of stock transferred.

The screens are as follows:

40 size	27346 @ 1.60 each	67.20
1" p	40184 @ 7.55	709.10
780	54172 @ 3.35	958.10
		1734.40

P. K. Screens 1734.40

Orange, N. J. February 1913

780 Profit Loss	78	659	1709 50	✓	1709 50
Manufacturing	135				
To charge Profit Loss with amount forgotten paid on Auto. Munt. Mads during year					
Auto. Munt. Mads 1709.50 77					
80 Accounts Payable	659	31483 12	✓	31483 12	
Accounts Payable	80				
To transfer the above amount to the Thomas A. Edison Inc. Ledger. Also amount of balance of J. A. Edison.					
19 Thomas A. Edison Inc 31483 12					
✓ Sundries	660	70575 27	✓	70575 27	
Accounts Payable	80				
To transfer the above amount to the General Ledger.					
317 Edison Storage Battery Co. (Suff.)	49601 2				
4722 165					
322 Thomas A. Edison Inc	20031 97 19				
70575 27					
125 Manufacturing	661	8178 81	✓	8178 81	
Manufacturing	135				
To transfer above amount as same consists material which should have been transferred during year but a few cents attached was over added.					
175 Misc. Orders (S. O. L. C. N.) 504 28					
6 Thomas	52018				
✓ Scrap	7166 06				
✓ Misc.	804 09				
✓ Misc.	633 23				
✓ Aluminum	946 83				
✓ Misc. Die Castings	2765 72				
107 General Expenses	662	4966 85	✓	4966 85	
General Expenses	135				
To transfer above amount as same consists shrinkage in Coal account during year					
Coal	4966 85				

Orange, N. J. February 1913

135 Manufacturing	78	663	58911 73	✓	58911 73
Manufacturing	135				
To transfer above amount as same consists error in spending last item on page 4 of Inventory book for year 1912. All items correct. 3014 - 3/4 cent brass die nuts at 20¢ per lb. same was considered as all lbs. instead of which 100 nuts weight 21 1/2 lbs. As this item was not corrected Feb 28 1913 Thomas account received the benefit of same. Consequently this entry charges Thomas account.					
✓ Thomas	✓ 58911 73				
✓ Sundries	664	7889 09	✓	7889 09	
Sundries					
To transfer the following as same consists items which were charged to Nickel Plating instead of General Expense as per sheet attached.					
107 General Expense					
161 Sales					
✓ Scrap					
155 Manufacturing					
✓ Nickel Plating					
Manufacturing	135				
Nickel Plating	✓ 757				
General Expense	107				
161 Sales	665	16517 86	✓	16517 86	
Sales	161				
To transfer amount of scrap sales to Thomas account.					
✓ Scrap	✓ 16517 86				
323 Thomas A. Edison Inc	666	3124 67	✓	3124 67	
Accounts Receivable	50				
To transfer the above amount to the General Ledger.					
Thomas A. Edison Inc	3124 67				

Orange, N.J. February 1913

✓ Income 78 667  
Manufacturing 135  
 To transfer above amount as above error  
 correction in price of lumber which was transferred  
 during year, same being then priced at 22.00  
 for # instead of 26.75 for # as per sheet  
 attached  
 Box Factory 205.40 for 164

107 General Expense  
 135 Manufacturing  
 175 Misc. order ✓ 136.06  
 225 S. S. O. ✓ 93.6  
 271 Real Estate & Buildings  
 285 Machinery & Tools  
 295 Furniture & fixtures

135 Manufacturing 668  
Manufacturing 135  
 To transfer the above amount which covers  
 items that were not transferred from  
 Nickel Plating to Misc. Orders during year  
 347, also copper Anodes used in plating  
 Battery plants  
 175 Misc. Orders ✓ 751.47 Nickel Plating ✓ 757

135 Manufacturing 669  
Manufacturing 135  
 To transfer pro rata difference in  
 Nickel Plating account  
 6 Phonograph ✓ 1373.67 Nickel Plating ✓ 157  
 85 Drury Nickel Plating ✓ 323.77  
 205 Cabinet ✓ 141.41  
 175 Misc. Orders ✓ 50.80  
 185 Auto. Munch. Works ✓ 101.00

✓ 70540

2169  
 14537

1948  
 75  
 1816

751.47

751.47

7070.10

7070.10

Orange, N.J. February 1913

135 Manufacturing 78 670  
Manufacturing 135  
 To charge Phone with above amount as  
 same as the shrinkage in Raw Material  
 during year ending Feb. 28, 1913. This  
 shrinkage is larger than previous  
 years but after an exhaustive investigation  
 without any large error being disclosed  
 we must assume the difference is a  
 shrinkage  
 6 Phonograph ✓ 23726.02 Raw Material ✓ 111

135 Manufacturing 671  
Manufacturing 135  
 To charge Phone account with balance of  
 Japanese account less amount shown  
 by Monthly Feb. 28, 1913  
 6 Phonograph ✓ 2357.95 Japanese ✓ 274

135 Manufacturing 672  
General Expense 107  
 To charge Box Factory with expense  
 directly chargeable to the department  
 amounting to \$377.80 and also with its  
 proportion of the expenses of the non-  
 productive department based on the  
 productive labor performed by the  
 department amounting to \$324.65  
 164 Box Factory ✓ 6726.47

135 Manufacturing 673  
Manufacturing 135  
 Upon investigation of Box Factory account which  
 shows a loss of above amount it showed that  
 all pricing of sale or transfer of boxes was  
 correct, consequently it must be assumed that  
 lumber was taken out of stock and not transferred  
 therefore if same had been transferred pricing of  
 boxes would have been changed, therefore this loss  
 should be charged to P.F.B.  
 211 Packing & Shipping ✓ 4474.65 Box Factory ✓ 164

23726.02

23726.02

2357.95

2357.95

6726.47

6726.47

4474.65

4474.65

Orange, N.J. February 1913

135 Manufacturing 78 673 1178.61  
 Manufacturing 135 1178.61

To credit P. H. account with difference  
 in amount charged direct to P. H. account  
 Paying during year and amount transferred  
 and charged to P. H. account

71 P. H. Screen (11/78.61) Photograph ✓ 5

135 Manufacturing 673 15614.80  
 General Expense 107 15614.80

To transfer expense directly chargeable  
 to P. H. Machine

185 Auto. Mech. 15614.80

780 Profit Loss 676 31768.03

To transfer the following accounts  
 to Profit Loss

Thos. A. Edison Inc. Interest 60  
 Bond Interest 199

11968.03  
 9300.00

135 Manufacturing 677 16349  
 Manufacturing 135 16349

To transfer Material as per attached  
 sheet.

110 Material 1679

71 P. H. Screen (11/16.79)

Material 5550.11  
 Cabinet 9110.05  
 P. H. Screen (16.79)

373 Thos. A. Edison Inc. 678 37845.73  
 Accounts Payable 80 37845.73

To transfer the above amount to the General  
 Ledger

Thos. A. Edison Inc. 7845.73 19

Orange, N.J. February 1913

135 Manufacturing 78 679 9582.6  
 Manufacturing 135 9582.6

To credit Thos. A. Edison Inc. with amount  
 as same cover value of material which was  
 turned over to us at time of transfer of  
 P. H. Screen Dept. to us. This was not  
 transferred at that time because no  
 record of inventory was made of the  
 material. This amount was arrived  
 at by finding the value of all material sold  
 since we started manufacturing and  
 adding to same value of material on  
 hand from which we deducted value  
 of material we purchased.

71 P. H. Screen (11/9582.6)

373 Thos. A. Edison Inc. 680 111493.97  
 Sales 161 111493.97

To charge Thos. A. Edison Inc. to make Electrical  
 Appliances equal 15% profit on labor &  
 Material plus General Expense & Depreciation

From Inventory 15%  
 Photograph 1392.412.58 - 518.524.86 - 874.987.72 12793.30  
 Wire 128.923.36 - 46.577.69 - 113.455.67 7101.35  
 14079.65

Photograph 7799.57  
 Wire 7289.30 70786.7  
 711493.97

Photograph 701734.87 3  
 Wire 9789.0544.3

373 Thos. A. Edison Inc. 681 17056.31  
 Sales 161 17056.31

To charge Thos. A. Edison Inc. to make Electrical  
 Appliances Account equal 10% profit on labor & Material  
 plus General Expense & Depreciation 10%  
 Electrical Appliances 701734.87 140346.97  
 Electrical Appliances 17056.31  
 17056.31

Electrical Appliances 17056.31 301

Orange, N. J. February 1913

135 Manufacturing

78

682

488 621.08

488 621.08

General Expense 107

To distribute General Expense Pro  
rata over the following Manufacturing  
accounts.

6	Photographs	v 79.390.35
185	Auto. Molding Machines	v 16.246.35
44	Wax	v 23.389.56
31	Electrical Appliances	v 6.535.53
175	Miscellaneous Orders	v 47.756.70
141	Fan Motor	v 226.44
85	Proj. Histo. Scope	v 36.501.84
705	Cabinets	v 77.053.86
71	Proj. Histo. Screens	v 781.16
71	See	v 739.79

161 Sales

683

1585873.04

1585873.04

Manufacturing 135

To transfer cost of goods sold during  
year ending February 28, 1913 as shown  
by inventory.

3	Photographs	v 824.972.6
185	Auto. Molding Machines	v 73.213.41
73	Bath. Niece	v 699.624.73
43	Wax	v 113.455.67
301	Electrical Appliances	v 16.686.36
175	Miscellaneous Orders	v 21.664.97
141	Fan Motor	v 413.85.144
83	Proj. Histo. Scope	v 90.397.79
67	Material Sales	v 25.367.87
371	Proj. Histo. Screen	v 1211.01
761	See	v 2647.01
705	Cabinet	v 775.186.76

Orange, N. J. February 1913

161 Sales

78

684

704017.41

704017.41

Profit &amp; Loss

Profit & Loss realized during year  
ending February 28, 1913

3	Photographs	v 123.729.30
185	Auto. Molding Machines	v 10.562.72
73	Bath. Niece	v 1.458.53
43	Wax	v 17.018.35
301	Electrical Appliances	v 1.668.63
175	Miscellaneous Orders	v 66.619.10
141	Fan Motor	v 550.86
83	Proj. Histo. Scope	v 2249.53
67	Material Sales	v 3768.95
705	Cabinets	v 21.175.08
371	Proj. Histo. Screens	v 23.39
761	See	v 2027.19

180 Profit &amp; Loss

78

685

732.92

Sundries

To depreciate the following accounts.  
This amount is in addition to depreciation  
made Dec 31, 1912.

Automobile Account 30% 9.  
Furniture & fixtures 50% 71.  
Machinery & tools 10% 75.

93.03  
216.79  
856.68



Orange, N.J. March 1913

50 Accounts Receivable

686

To transfer the following account to  
Attorneys account:

1 Bole's Debt Receivable 2<sup>nd</sup> Bole's Debt Receivable 1  
 8 Attorneys Account 1<sup>st</sup> Bole's Debt Receivable 50

50 Accounts Receivable

687

To charge the Home Insurance Co. with the  
price of the Bole's Reinsuring machine.

Which was originally charged to Hudson  
Printer Supply Co. and sent in the mail  
1 Bole's Debt Receivable 2<sup>nd</sup> Bole's Debt Receivable 1  
 50 Home Insurance Co 3<sup>rd</sup> Hudson Printer Supply Co. 1

50 Insurance Premiums

688

To charge Insurance Premium Fund with  
amount of cash paid out during March 1913  
on the following accounts as shown by  
detail below:

ap of W. A. Hargrave ap of Frank E. Bent  
 Mch 2 - 10.00  
 10 - 10.00  
 17 - 10.00  
 24 - 10.00  
 31 - 10.00 50.00

ap of B. Hargrave ap of B. Hargrave

Mch 3 - 5.50  
 10 - 5.50  
 17 - 5.50  
 24 - 5.50  
 31 - 5.50 27.50

50 Accounts Receivable

689

For amount received in settlement of litigation  
between Bole's Debt Co. & Robert's Machine Co. Bole's  
Mfg. Co. as per paper attached

1 Bole's Debt Receivable 750.00  
 103 Robert's Machine Mfg Co 750.00

Credit 750

175-

175-

934-

934-

172.06

172.06

750.00

750.00

Orange, N.J. March 1913

38 Thomas A Edison Inc. 690  
Accounts Receivable 60  
 To transfer debit balance appearing in the  
 account of Thomas A Edison, 1811 London on  
 Bala. Mfg Co. Accounts Receivable ledger to  
 Thomas A Edison Inc. ledger  
 Bala. Mfg Co. Receivable 960 /  
 Thomas A Edison Inc. 960.54

50 Miscellaneous 691  
Accounts Receivable 50  
 To credit Patent Manufacturing Machine Co.  
 Settlement account with the above amount  
 which represents value of material received  
 from them in addition to the cash settlement of  
 our suit against them.  
 Bala. Mfg Co. Receivable 100 /  
 Patent Manufacturing Machine Co. Settlement 100 108

50 Accounts Receivable 692  
Profit Loss 780  
 To write off credit balance appearing in  
 the Patent Manufacturing Machine Co. Settlement account.  
 Bala. Mfg Co. Receivable 100  
 108 Patent Manufacturing Machine Co. Settlement 100

80 Accounts Payable 693  
Accounts Payable 80  
 To transfer the above amount to Thomas  
 A Edison, Inc. ledger.  
 19 Thomas A Edison Inc. Mrs. W. H. P. H. Co. 203

✓ Sundries 694  
Accounts Payable 80  
 To transfer the following to the General  
 ledger.  
 373 Thomas A Edison Inc. 15 107.06  
 317 Edison Storage Battery Co. 2378.66  
 " Edison Storage Battery Co. 52.37

Orange, N.J. March 1913

80 Accounts Payable 695  
Accounts Receivable 50  
 To transfer the following accounts.  
 1 Thomas A Edison, Inc. 2765.06 3  
 5 Edison Chemical Works 16.80 5  
 105 Mrs. Thomas A Edison 10.84 8  
 6 Newark Electrical Supply Co. 89 100  
 208 Patin Water 758.66 5  
 5 C. H. Wilson 1.89 6

107 General Expense 696  
Sundries 1557.05  
 To transfer the above amount to General  
 Expense. This amount is chargeable for the  
 month of March 1913 as shown by the  
 General ledger.  
 57-177 Reservoir for Water 796 ✓ 7500.00  
 58-133 Taxes Accrued 335 ✓ 438.57  
 68-130 979 Unexpended Insurance 347 ✓ 868.63  
 58-130 857.74

50 Accounts Receivable 697  
Accounts Receivable 50  
 To charge W. H. P. H. Co. with the above amount  
 as they have remitted in full of their account.  
 This amount was suspended on May 1912  
 1 Bala. Mfg Co. Receivable 27 Bala. Mfg Co. 1  
 117 W. H. P. H. Co. 27 Suspense A/c 3

50 Accounts Receivable 698  
Sundries 19861.89  
 To transfer the following amounts to  
 the General ledger.  
 7 Thomas A Edison, Inc. 70086.50 373  
 ✓ Edison Storage Battery Co. 774.61 317

107 General Expense 699  
Manufacturing 11305  
 To charge General Expense with the manufacturing  
 expense for the month of March 1913  
 Fee 113.05 742



Orange N.J. April 1913

107 General Expense	30	706	156991	✓
<u>Summary</u>				
To transfer the above amount to General Expense. This amount is chargeable for the month of April 1913 as shown by the General Ledger.				
5-1177		Revenue for Water	796	✓
58-133		Income Accounting	337	✓
66-120	479	Unexpired Insurance	307	✓
66-120	17237			

107 General Expense		707	15805	✓
<u>Manufacturing</u>				
To charge General Expense with the manufacturing of ice for the month of April 1913				
		Ice	15805	✓

141 Sales		708	46013	✓
<u>General Expense</u>				
To credit General Expense with the sale of ice for the month of April 1913				
708 Ice		46013		

50 Over-ent Receivable		709	7767096	✓
<u>Summary</u>				
To transfer the following accounts to the General Ledger				
Edison Education Inc		7837225	312	
Edison Storage Battery Co		701	312	

Orange N.J. April 1913

125 Manufacturing	30	710	639999	✓
<u>Manufacturing</u>				
To credit Packing & Boring with the amount to account for the packing of Sticksides delivered during month of April 1913				
61 Photographs		637967		
150 Canteen & Mkt. Mch.		7175		

<u>Packing &amp; Boring</u>				
146 Cate 50-		17300		
Sticksides		507 - 250	30360	
Standard		1717 - 250	28085	
House		30 - 60	1800	
Triumph		11 - 90	990	
Amcor		70 - 90	6300	
School		3 - 90	790	
Antares 1st		11 - 50	5050	
" 2nd		60 - 150	9700	
" 3rd		381 - 150	58580	
" 4th		10 - 150	1500	
Disc		299 - 90	28105	
" 1st		3 - 100	300	
" 2nd		226 - 175	102300	
" 3rd		170 - 175	77750	
" 4th		277 - 175	130575	
" 5th		1 - 175	17500	
" 6th		9 - 175	3825	
" 7th		6 - 175	3450	
" 8th		15 - 175	2625	
" 9th		3 - 175	1725	
" 10th		7 - 175	1025	
" 11th		11 - 175	6375	
Packing Machines		299 - 60	24940	
Slaving		161 - 50	13770	
House		59 - 12	767	
Auto		297 - 09	7173	
Thyrod		28 - 09	252	

Orange, N. J. May 1913

37.5 Thos A Edison Inc 19

711

75000000

Note Receivable

785

75000000

Amount of two notes for \$50000 and \$100000 respectively dated May 14<sup>th</sup> and due Sept 1<sup>st</sup> & 1913 at Union National Bank Newark N.J. The maker of these notes is the Edison Storage Battery Co in form of Edison Photo Works and endorsed by the Works over to Thos A Edison Inc. The entry charges Thos A Edison Inc for the transfer

51 Account Receivable

712

Account Receivable

51

To transfer the above amount  
1 Pat's Acct Receivable 275 Pat's Acct Receivable  
10 New Haven N.Y. Co 275 Attorneys Acct 8

51 Account Receivable

713

Account Receivable

51

To suspense the above amount, which represents the debit balance appearing in the account of the New Haven N.Y. Co. We are hereby receiving a check today for 10% of our claim. This being a final dividend and for information on the check  
1 Pat's Acct Receivable 275 Pat's Acct Receivable  
3 Suspense Account 275 New Haven N.Y. Co 109

30 Insurance Reserve Fund

714

Referred Charges

15

To charge Insurance Reserve Fund with amount of cash paid out in May 1913 on the following account as shown by detail.

May 5	6.88	7.25	10.00
12	6.88	7.25	10.00
19	6.88	7.25	10.00
26	6.88	7.25	10.00
	27.50	29.00	40.00

Orange, N. J. May 1913

30 Insurance Reserve Fund 31

715

Referred Charges

15

7654

7654

To charge Insurance Reserve Fund with amount of cash paid out during May 1913 on the following account as shown by detail.  
This is in addition to J.E. 714  
at E. H. Hargano  
May 5 8.37  
12 8.37  
19 5.00  
26 5.00  
76 5.00  
76 5.00

80 Account Payable

716

Account Payable

80

8890

8890

To suspense the following account  
102 Suspense Acct 8890 M. B. Rowan 15

80 Account Payable

717

Account Receivable

51

117804

117804

To transfer the following account

1	Thos A Edison Inc	1087.56	3
5	Edison Chemical Works	75.21	5
105	Mrs Thos A Edison	12.75	8
50	E. E. Davidson	5.20	101

1 Sundries

718

Account Payable

80

1177582

1177582

To transfer the following to the

375	Thos A Edison Inc	10355.85	19
31	Edison Storage Battery Co	1345.88	3
		74.09	105

108 General Expense

719

Manufacturing

105

318031

31800

To charge General Expense with the manufacture of Ice for the month of May 1913

Ice 318.03 7174



Orange, N.J. May 1913

Orange, N.J. June 1913

80 Accounts Payable	7132	4349.1	
<del>Notes Receivable</del> 7135			4349.2
To transfer the following amount, as same was posted on Edison Portland Cement Co % in error			
8 Edison Portland Cement Co	4349.2		
80 Accounts Payable	7133	19090.1	
<del>Accounts Payable</del> 80			19090.2
To transfer the above amount from Thos. A. Edison Inc ledger			
765 American Metal Works Co	19090		
Thos. A. Edison Inc	19090.19		
80 Accounts Payable	7134	9478.12	
<del>Inc. Reserve Fund</del> 303			9478.12
To transfer the above amount to the General Ledger			
101 Insurance Reserve Fund	9478.12		
80 Accounts Payable	7135	301	
<del>Accounts Receivable</del> 51			301
To transfer the above amount to Radio Mfg Co Ledger			
705 Brokers Board of Trade 20 Radio Mfg Co	301.15		
80 Accounts Payable	7136	1422.161	
<del>Accounts Receivable</del> 51			1422.162
To transfer following accounts			
1 Thos. A. Edison Light	1347.87		
5 Edison Chemical Works	1.77		
105 Mrs. Thos. A. Edison	78.52		
<del>30</del>			
<del>Sundries</del>	7137		
<del>Accounts Payable</del> 80			997.466
To transfer the above amount to the General Ledger			
373 Thos. A. Edison Inc	19	882.124	
37 Edison Storage Bldg. Co	3	1153.421	

Oberge, N. J. June 1913

51 Accounts Receivable	728
Accounts Receivable	
To Reverse the following accounts	
1 Gate Rock Rec	247
1 Telephone	30
1 " "	17
1 " "	210
	115

on Insurance Reserve Fund			729
	Insured Charges		15
To charge Insurance Reserve Fund			
with amount of cash paid out			
during June 1913 on the following			
Accounts			
Alfred Lortoff	Frank S. Best	Stanford Smith	
June 2	5.50	7.25	6.88
9	5.50	7.25	6.88
16	5.50	7.25	6.88
23	5.50	7.25	—
30	5.50	7.25	—
	27.50	36.25	26.64

51 Accounts Receivable	729
Accounts Receivable	
To transfer the following accounts to the	
General Ledger	

1 John A. Edison Co	301.49	301
1 Edison Storage Battery Co	277.5	277

105	General Expense	729
	Surpluses	729
	To transfer the above amount to General Expense This amount is chargeable for month of June 1913 as shown by the General Ledger	
27.77	Reserve for Water	276
58.13	Expenses Accrued	531
65.50 = 929	Unexpended Insurance	347
28.120 = 87.26		

247  
2478439  
84392983721  
2983721

77721

430.07  
450.19  
89.66

George N. J. June 1913

125 Manufacturing	732
Manufacturing	
To transfer the above amount from the	
Manufacturing Ledger to the Sales Ledger account	
of cash on selling department, with above amount	
to R.M. instead of regular as follows	
R.M. 7717 21.00 - R.M. 7716 20.00 - R.M. 7717 22.00 - R.M. 7718 21.00	
R.M. 7719 21.00	

732	732
732	732

105 General Expense	733
General Expense	
To charge General Expense with the	
Manufacturing of for month of June 1913	

733	733
733	733

161 Sales	734
Sales	
To credit General Expense with the sale	
of for month of June 1913	

734	734
734	734

734	734
734	734

135 Manufacturing	735
Manufacturing	
To credit Lacking & Repairing with an amount to cover packing	
of Machine delivered during month of June 1913	

735	735
735	735

735	735
735	735

735	735
735	735

735	735
735	735

735	735
735	735

735	735
735	735



Orange N.J. July 1913

10 Accounts Receivable 733  
 Accounts Receivable 51

To credit the Commercial Printing Co. for amount  
 with the balance sheet. This amount was suspended  
 Feb 26, 1912 and they have the day requested that we  
 return the balance

1 Sales Accts Receivable 249 Sales Accts Receivable 1  
 1 Suspense Account 769 Commercial Printing Co. 110

51 Accounts Receivable 733  
 Accounts Receivable 51

To transfer the following account to suspense  
 1 Sales Accts Receivable 1069 Sales Accts Receivable 1  
 1 Suspense Account 1069 N. E. City 108

503 Insurance Reserve Fund 733  
 Deferred Charges 15

To charge Insurance Reserve Fund with amount of cash  
 paid out during the month of July 1913

July 7 250 775  
 " 11 250 775  
 " 21 250 775  
 " 23 250 775  
 77.00 77.00

1 Accounts Payable 733  
 Accounts Payable 50

To transfer the above amount to the General Ledger

373 Thomas A. Edison Inc. 371.67  
 377 Edison Storage Battery Co. 371

51 Accounts Receivable 733  
 Accounts Receivable 1

To transfer the following account to the General Ledger

1 Thomas A. Edison Inc. 23.71  
 13 Edison Storage Battery Co. 136.71

769  
 769

1069  
 1069

5100  
 5100

8875.61  
 8875.61

7361.7964  
 7361.7964

Orange N.J. July 1913

50 Accounts Payable 31  
 Accounts Payable 741

To transfer the following accounts

Thomas A. Edison Inc. 371.51  
 Edison Chemical Works 302.11  
 Mrs. Thos. A. Edison 500.00  
 C. H. Wilson 189

136 Manufacturing 742  
 Manufacturing 136

To credit Packing & Poring with an amount for  
 over packing of Machine delivered during month of  
 July 1913

71 Photograph 389.67  
 136 Auto. Wash. Machine 20.47

Packing & Poring 389.67

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Auto. Wash. Machine 20.47

Orange N. G. July 1913

31  
131 Manufacturing 743

To transfer the above amount from the manufacturing ledger to sub ledger account of over-inflating department Bills were rendered as R.M. instead of regular as follows R.M. 9115 28862 - R.M. 9330 111647 - R.M. 9322 22883 R.M. 9352 24952

7/17/57      1.197.57      5/2/57

105 General Expense

To change General Expense with the Manufacturing  
of Ice for the month of July 1913

\$1373.18 Fee 7/17/74

161 Sales 31 285

General Expense 108  
To credit General Expense with the balance of \$108 for month of July 1913

2nd Dec 1897

108	General Expense	7.30
-----	-----------------	------

To transfer the above amount, to General Expense  
This amount is chargeable for month of July 1913  
as shown by General Ledger

57-111	205.00	Reserve for Water	796.
58-123	150.00	Taxes accrued	532.
" 130-925.28	937.57	Unexpired Insurance	347.
63 " - 9.99			

Orange, N. J. August 19, 1913

199 Bond Interest	747	450.000	
Unpaid Bond Interest			✓ 450.000

For amount of Bond Interest due this day on Coupon No. 32.

81	Accounts Payable	748	74701	
74	Accounts Receivable	51		74170

To transfer the following accounts

1	Thomas A. Edison Feb	65086	3
5	Edison Charles Works	296	5
107	Mrs Thos A. Edison	7964	8
206	E. E. Hudson	759	5
218	Sharlou Prior	5100	11
202	W. D. Vanderhoof	715	100
5	C. H. Wilson	190	6

51 Accounts Receivable	749	✓	1172792	
Sundries				1172792

To transfer the following accounts  
to the General Ledger

7	Thomas A Edison Inc	11,902.11	373
2	Edison Storage Battery Co	174.47	317

81	Accounts Payable	750
	Accounts Receivable	5

To transfer the above amount to the  
Bates Mfg Co's ledger

207	Gillette Club	200	Water Mfg Co.	1
		200	Gillette Club	100

51	Accounts Receivable	751	31151	
	Account Receivable	51		3115

To transfer the above amount which represents  
debit balance appearing in the account of the  
Denver Realty, Works & Electric Co, which amount  
was placed in the hands of our attorney, Messrs.  
Lillie Clark and collected by them.

1	Bates Accts Receivable	31.15	Bates Accts Receivable	1
108	Gillette & Clark	31.15	Harmon & Corbett W & F Co	4

Orange N.J. August 1913

51 Accounts Receivable	30	752	071	07
Accounts Receivable	51			
To transfer the following account to Suspense				
1. Bates Accts Receivable of Bates Accts Receivable	1			
2. Suspense Acct of Louisville Fighting Co	50			
108 General Expense	753	1658.351	1658.35	
Sundries	✓			
To transfer the above amount to General Expense				
This amount is chargeable for the month of August 1913 as shown by the General Ledger				
57-137 Recum for Water	275.00	796	✓	
58-133 Tapes Used	450.50	337	✓	
58-130-9256 Unexpended money	922	853.47	✓	
68-130-9.79				
747 Furniture & Fixtures	753	108.001	✓	108.00
Edison Edison Inc	373			
To credit Thos A Edison Inc with the above amount which represents the price of two dictating machines returned by the Bates Mfg Co New York Office and credited on the Thomas A. Edison Inc books				
✓ Sundries	755	1185.514	✓	1185.514
Accounts Payable	81			
To transfer the above amount to the General Ledger				
373 Thomas A Edison Inc	19,440.82	19	✓	
317 Edison Storage Battery Co	1,414.32	3	✓	
51 Accounts Receivable	756	601	✓	60
Accounts Receivable	51			
To transfer the above amount to Attorneys Account This amount is the third dividend declared on our claim against Enos Co, Bates Accts Receivable to Bates Accts Receivable				
115 Crumley Bros of funds to Attorney Account	8			

Orange N.J. August 1913

108 General Expense	30	757	1919.081	1919.08
Manufacturing	136			
To charge General Expense with the cost of manufacturing Dec during the month of August 1913				
Dec	1919.08	7170		
161 Sales	758	1948.791	✓	1948.79
General Expense	108			
To credit General Expense with the sale of Dec for the month of August 1913				
Dec	1948.79			
33 Insurance Premiums	759	81.741	✓	81.74
Deferred Charge	45			
To charge Insurance Premium Fund with amount of each paid out in August on the following accounts				
of Paul Stanford	of Albert Stodoff of H. Hart			
Aug 11 7.56	5.50	7.75		
11 7.56	5.50	7.75		
18 7.56	5.50	7.75		
76 7.56	5.50	7.75		
30.74	22.00	29.00		
136 Manufacturing	760	5975.951	✓	5975.95
Manufacturing	136			
To correct Journal Entries No 537-540- 552-562-574 account of new figures for packing the different styles of Changographs we ship				
711 Packing & boxing 5975.95 Changographs	71			

Orange, N.J. August 1913

30  
 761  
 3147.534  
 3147.53

To credit Packing & Paving with an amount  
 to cover packing of machine delivered during  
 month of August 1913

7 Phonographs 2068.87  
 180 Radio Niblet Mch 76.66

Cr  
 Packing & Paving 3147.537111

San Phonographs	54 @ 36 =	2016
Traverse " with Phonos	75 @ 35 =	96.75
" " St "	43 @ 45 =	19.35
Standard " Cy "	106 @ 40 =	42.40
" " St "	216 @ 45 =	97.20
" " K.S.	345 @ 50 =	189.00
Home " "	28 @ 50 =	14.00
Triumph " "	12 @ 80 =	7.60
Covered " "	69 @ 80 =	55.20
Alba " "	1 @ 80 =	.80
Antenna " No 1	6 @ 43.50 =	26.10
" " " 3	7 @ 36.00 =	25.20
" " " 5	133 @ 1.05 =	139.65
" " " 6	765 @ 1.05 =	803.25
School Dictating Machine	1 @ 1.35 =	1.35
" " " 311	1 @ 186.60 =	186.60
Home " " 67	1 @ 85 =	26.95
" " " 31	1 @ 21 =	6.51
Bale Numb " 838	1 @ .09 =	75.00
Wayard " 26	1 @ .09 =	3.76
Radio Phonograph 860	18 @ 1.05 =	18.90
" " " 80	21 @ 1.05 =	22.05
" " " 1150	96 @ 3.60 =	345.60
" " " 1200	117 @ 3.25 =	380.25
" " " 1260	101 @ 4.35 =	439.35
" " " 1275	2 @ 3.75 =	7.50
" " " 1340	7 @ 3.75 =	26.25
" " " 1360	3 @ 4.35 =	13.05
" " " 1375	1 @ 3.80 =	3.80
" " " 1400	3 @ 3.75 =	11.25
" " " 1425	1 @ 3.80 =	3.80
" " " 1450	2 @ 3.75 =	7.50

Orange, N.J. September 1913

20  
 762  
 700  
 70

To increase the following accounts  
 1 Radio Recd Recivable 20 Radio Recd Recivable 1  
 102 Imperial Mchnt Mchnt 14 Insurance Account 3  
 114 Westheimer-Swartz Mchnt " " "

253 Insurance Account Fund 763  
 Deferred Charges 15  
 761.25  
 761.25

To charge Insurance Reserve Fund  
 with amount paid out on the following  
 accounts during September 1913

Sept	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Sept 1	7.50																													
8	7.50																													
15																														
22																														
29																														
	15.17																													

✓ Sundries 764  
 Account Payable 81  
 1443.91  
 1443.91

To transfer the above amount to  
 the General Ledger  
 32% Thomas A Edison Inc 1262.807  
 31% Edison Storage Battery Co 1.806.84

81 Account Payable 765  
 Account Payable 81  
 1267.00  
 1267.00

To transfer the following from the  
 A Edison Inc Ledger  
 1/2 Thomas A Edison Inc 1262.807  
 1/2 Edison Storage Battery Co 1.806.84

81 Account Payable 766  
 Account Payable 81  
 670.70  
 670.70

To transfer the following accounts  
 1 Thomas A Edison Inc 653.75  
 107 Mrs Thomas A Edison 15.56  
 C H Wilson 1.89

Orange, N.J. September 1913

136 Manufacturing 20 767  
 Manufacturing 136

To credit Packing Shipping with an amount  
 to cover packing of machines delivered during  
 month of September 1913

7 Phonographs	6180.25	
18 Victor Nipper Machines	52.65	Or
Packing & Shipping 6-23-20	111	
Sam Phonographs	150 @ .36 =	64.80
Trinette " 40 Edison 783	35 =	624.05
" " St "	4 " .45 =	1.80
Standard " Cy "	5 " .40 =	2.00
" " St "	56 " .45 =	24.75
" " J.C.S.	16 " .60 =	9.60
Home " "	4 " .50 =	2.00
Triumph " "	1 " .80 =	.80
Concert " "	15 " .80 =	12.00
Amberola " No 1	16 " .435 =	6.96
" " " 3	32 " .34 =	10.88
" " " 5	222 " .105 =	23.31
" " " 6	905 " .105 =	95.03
" " " 8	943 " .60 =	565.80
" " " 10	1363 " .50 =	681.50
Dictating Machine	530 " .60 =	318.00
" " " 67	85 =	46.75
Home " " 10	21 =	2.10
Patent Hunt " 539	.09 =	48.51
Weyand " "	46 " .09 =	4.14
Nipper Phonograph also	1 " .105 =	1.05
" " " 80	106 " .105 =	11.03
" " " 150	223 " .36 =	80.28
" " " 200	137 " .325 =	44.38
" " " 750	210 " .435 =	91.35
" " " 775	5 " .375 =	1.88
" " " 790	11 " .375 =	4.13
" " " 300	3 " .435 =	1.31
" " " 375	2 " .380 =	7.60
" " " 1425	1 " .380 =	3.80

6237.90  
 6237.90

Orange, N.J. September 1913

108 General Expense 30 768  
 Sundries 768

To transfer the above amount to General  
 Expense. This amount is chargeable for  
 the month of September 1913 as shown by  
 the General Ledger

57-177	Reserve for Water	796	✓	275.00
58-133	Taxes Advanced	332	✓	450.42
58-130	Unexpired Ins. Prem	312	✓	1037.56
68-130	9.79			

✓ Sundries 769  
 Accounts Receivable 51

To transfer the following accounts  
 to the General Ledger  
 376 Edison Storage Batteries 209.09.7  
 372 Thomas A. Edison Inc 1500.77.7

Accounts Payable  
 Accounts Receivable

To transfer the following account  
 to the General Ledger  
 Thos A. Edison Inc 1150.02  
 Edison Chemical Works 2.08  
 Mrs Thos A. Edison 79.00  
 C. H. Wilson 2.84

General Expense  
 Sundries

To charge General Expense with the  
 above amount. This amount is  
 chargeable for the month of October 1913  
 as shown by the General Ledger

57-177  
 58-133

Orange, N.J. October 1913

30 Insurance Reserve Fund 770  
 Account Payable 81

To cover amount paid or released on account of death by accident of Chas. R. Fiffelhart. Original Red Cross filed in vault envelope # 2413.

31 Accounts Receivable 771  
 Accounts Receivable 51

To suspense the following account  
 1. Radio Aerts Receivable 2.50 Radio Aerts Receivable  
 3. Suspense Aerts 2.60 J. B. Zimmerman 50

126 Manufacturing 772  
 Manufacturing 126

To charge Photographs with the amount this amount was originally charged to Electrical Appliances as shown by the following detail.

7 Photographs 26.67 11 Electrical Appliances 22

S.R.	71548	71564.91
"	15887	475.04
"	17924	9502.89
"	17916	571.86
"	17916	1071.60
"	18017	866.98
"	18042	1169.26
"	18016	7324.41
"	18012	5702.10
"	18015	78.79
"	18092	447.48
"	18016	133.42
"	18107	121.70
"	18115	221.48
"	18116	42.35
"	18133	6.60
"	18138	127.40
"	18140	79.37
"	18141	85.63
"	18142	9.34
"	18142	9.40

This is accordance with my W. L. Echols  
 instructions to me, for Henderson, N.J. 1913

800000

800000

2632

263

24617.11

24617.11

Orange, N.J. October 1913

51 Accounts Receivable 773  
 Accounts Receivable 51

To transfer the following accounts to Attorney's Account.

Radio Aerts Receivable 2.50 Radio Aerts Receivable  
 Attorney's Account 2.15 Interests on Radio Aerts  
 " " 1.88 Patterson, Pittsburgh, " "

355 Insurance Reserve Fund 774  
 Deferred Charges 15

To charge Insurance Reserve Fund with amount paid out on the following accounts during October 1913

Frank E. Bunt	Edward Klein
Oct 6	7.25
10	7.25
20	7.25
27	7.25
	29.00
	14.40

108 General Expense 775  
 Sundries 15

To charge General Expense with the above amount. This amount is chargeable for the month of October 1913 as shown by the General Ledger.

57.17	Reserve for Water	296
58.135	Taxes - Adm'd	332
58.130	Unexp'd Int'l Fee	341
68.130		

51 Accounts Payable 776  
 Accounts Payable 51

To transfer the following accounts

1	Thos. R. Edison Lab	1.150.07	3
5	Edison Chemical Works	2.08	5
107	Wm. Thos. R. Edison	79.00	8
5	C. H. Wilson	2.84	6

4034

403

43.40

43.40

176484

✓

71500

4450.40

1039.46

173394

✓ 173394



Orange, N.J., November 1913

51 Accounts Receivable 701  
Accounts Receivable 51  
 To suspense the following account  
 51 Suspend Account 91 Mrs Wilson 51

352 Insurance Receivable 702  
Unpaid Charges 15  
 To charge Insurance Receivable fund with  
 amount paid out on petty cash on the  
 following accounts as shown by  
 detail for the month of November 1913  
 of Frank E Hunt  
 Nov 3 7.25 7.25  
 10 7.25 7.25  
 17 7.25 7.25  
 24 7.25 7.25  
 79.00 28.80

81 Accounts Payable 703  
Accounts Payable 81  
 To transfer the above amount from  
 the Mrs A Edison Inc ledger  
 22 Edison Warehouse 731.47 Mrs A Edison Inc 19  
 19 Mrs A Edison, Inc 731.47 Frank E Hunt 6

51 Accounts Receivable 704  
Accounts Receivable 51  
 To transfer the following account same  
 parties  
 1 Radio Acct Rec 8 1/2 Radio Acct Rec 1  
 53 Salvestin Hampton Co 8 1/2 Sunset Central Lines 173

81 Accounts Payable 705  
Accounts Payable 81  
 To transfer the following account  
 1 Mrs A Edison Inc 2545.94 3  
 107 Mrs Mrs A Edison 44.67 8  
 5 C. H. Wilson 157.93 6  
 107 Edison Kinestophone Co 76 100  
 106 H. J. Peering 17.00 2  
 50 Edward King 37 100

9.11 ✓  
 21  
 5780 ✓  
 5780

3011.79 ✓  
 3011.79  
 895 ✓  
 895

7359.1 ✓  
 7359.1

Orange, N.J., November 1913

✓ Sundries 706  
Accounts Payable 81  
 To transfer the following to the General  
 Ledger  
 317/1 Thomas A Edison, Inc 18349.01 19  
 317/2 Edison Storage Bat Co 2162.16 3  
 " Edison Storage Bat Co Int 8.27 105

108 General Expense 782  
Sundries ✓  
 To charge General Expense with the above  
 amount. This amount is chargeable for the  
 month of November 1913 as shown by the  
 General Ledger.

57-177 Reserve for Water 796 ✓ 275.00  
 58-123 Taxes Allowed 337 ✓ 450.40  
 58-120 1030.15 Unexpired Ins. Premium 311 ✓ 1039.44  
 68-120 9.79

✓ Sundries 789  
Accounts Receivable 51  
 To transfer the above amount to the General  
 Ledger  
 317/1 Edison Storage Battery Co 4439.5 ✓  
 317/2 Mrs A Edison Inc 37.71 50.7

37915.45 ✓  
 37915.45





Orange, N. J. December 1913

30 Notes Payable 31 793  
 Account Payable 87 ✓ 3800 4/2 ✓ 3800 4/2

To cancel our note for above amount in favor of Menden Cutting Pastries dated 8/2/13 due 12/1/13 at Union National Bank. This action is taken in order to use a part of the credit of 83% which was rendered us by Menden in favor their letter of 11/2/13. See also our letter to them dated 1/1/14. Pay 1/1/14 and correspondence of Purchasing Dept on the subject of this credit.

Menden Cutting Pastries 3600 4/2 13

57 Accounts Receivable 794

To transfer the following account:  
 even in making out requisition, to  
 103 Wm C. Popper 131 Wm C. Cooper 118  
 103 Wm C. Popper 131 Wm C. Cooper 118

57 Accounts Receivable 795

To transfer the following accounts to  
 Attorney's account:  
 1 915 Wm C. Popper 1  
 8 Attorney's account 915 Wm C. Popper 1  
 " " 651 Wm C. Popper 1  
 " " 949 R. J. Stowell Co 7

✓ Sundries 796

To transfer the above amount to the General Ledger

377 Thomas A. Edison Inc 13040 4/2 10  
 3179 Edison Storage Bat. Co 3145 3/4 3  
 " " " 27 41 105

Orange, N. J. December 1913

377 Thomas A. Edison Inc 31 797

To transfer the above amount appearing on the Bank Mfg. Co. Account Receivable Ledger to the Wm C. General Ledger  
 Bank Mfg. Co. Account Receivable 150 1  
 Thomas A. Edison Inc 150 5/1

87 Accounts Payable 798

To transfer the above amount to the Bank Account Receivable Ledger  
 M. L. Lelien 3.00 Bank Account Receivable 1  
 3.00 M. L. Lelien 109

302 Unger & Snyder 200 Bank Account Receivable 1  
 200 Unger & Snyder 103

87 Accounts Payable 799

To transfer the following accounts:  
 110 Condensite Co 1481 51  
 1 Thomas A. Edison Inc 1019 31 3  
 5 Edison Chemical Works 649 5  
 107 Wm C. Popper 4500 8  
 50 C. Nicolai 746 51  
 5 C. H. Wilson 765 6

✓ Sundries 800

To transfer the above amount to the General Ledger

3174 Edison Storage Battery Co 89 89 7  
 377 Thomas A. Edison Inc 10950 53 7

57 Accounts Receivable 801

To transfer the following accounts:  
 1 Bank Account Receivable 1057 Bank Account Receivable 1  
 109 M. L. Lelien 971 Bank Account Receivable 50  
 103 Unger & Snyder 736 Wm C. Popper 109

Orange, N.J. December 1913

## 109 General Expense

31

802

177.136 ✓

## Sundries

To charge General Expense with the above amount this amount is chargeable for the month of December 1913 as shown by the General Ledger

57-177 Reserve for Water 796 ✓ 275.00  
 58-123 Taxes Received 337 ✓ 456.91  
 58-120 1020.16 Unexpired Ins. Premium 324 ✓ 1029.45  
 65-130 9.77

## 780 Profit-Loss

## Sundries

803

348456.4

✓ 348456.4

To depreciate the following accounts for the ten months ending December 31st 1913

Customers 33 1/2% of 2732.06 = 1036.66/9  
 Furniture 20% 50% = 830.97 = 3460.81/14 ✓  
 Machinery Tools 10% = 364177.30 = 364177.30 ✓

Orange, N.J. December 1913

## 136 Manufacturing

31

804

15588.401

✓ 15588.40

## Manufacturing

To credit Packing Wagon with an amount to cover packing of machines delivered during month of December 1913.

7 Phonographs 15,532.42 ✓  
 186 Auto Mount Mch. 55.98 ✓

Cr

Packing Wagon 15588.40 ✓

Sam Phonographs	53	@	36. =	1908
Inside " w/ fly down	910	"	35. =	31850
" " St "	58	"	45. =	1710
Standard " Cy "	27	"	40. =	1080
" " St "	-	"	-	-
" " S.D.	211	"	60. =	12660
Home " "	8	"	50. =	400
Triumph " "	2	"	80. =	160
Consent " "	7	"	80. =	560
School " "	7	"	135. =	945
Antenna " #1	25	"	435. =	10875
" " 3	30	"	360. =	10800
" " 4	9	"	360. =	3240
" " 5	309	"	105. =	32445
" " 6	709	"	105. =	74445
" " 8	1484	"	60. =	89040
" " 10	3001	"	50. =	150050
Dictating Machines	300	"	60. =	18000
Home Shop " "	54	"	71. =	1134
Dictating " "	86	"	85. =	7310
Radio Mount " "	604	"	09. =	5436
Wigand " "	18	"	09. =	162
Auto Phonographs	850	"	105. =	103845
" " 80	790	"	105. =	82950
" " 150	794	"	360. =	285840
" " 200	580	"	320. =	185600
" " 250	985	"	435. =	428475
" " 275	16	"	375. =	6000
" " 290	8	"	375. =	3000
" " 300	6	"	435. =	2610
" " 375	3	"	380. =	1140
" " 400	2	"	375. =	750
" " 425	4	"	380. =	1520



Orange, N.J. January 1914

57 Accounts Receivable 814  
 Accounts Receivable

To transfer the above amount account of  
 Dr. 267.10 dated March 21-1913 being abstracted  
 on folio 1176 of the Works Abstract to Mendel  
 Samuelson instead of Edison Storage Battery  
 Co as it should have been  
 ✓ Edison Storage Bat Co 267.10 Mendel Samuelson /

161 Sales 815  
 Sales

To correct distribution of bills Nos  
 40323 and 40334 Works Sales Abstract  
 Folio 1277

63 Material Sales 10.03 Miscellaneous Orders 473

109 General Expense 816  
 Sundries

To charge General Expense with the above  
 amount this amount is chargeable for the  
 month of January 1914 as shown by the  
 General Ledger

57-117 Reason for Water 216 ✓  
 58-133 Tanker Delivered 33 ✓  
 58-130 - 103.09 ✓  
 68-120 9.74 ✓  
 Unexpended Premium 547 ✓

57 Accounts Receivable 817  
 Sundries

To transfer the following accounts to  
 the General Ledger

✓ Edison Storage Battery Co 272.14.68 374  
 452.31 813

8610 ✓  
 ✓ 8610

1003 ✓  
 ✓ 1003

21794 ✓  
 ✓  
 ✓ 931.65  
 ✓ 441.08  
 ✓ 1040.21

36761.34 ✓  
 ✓ 36761.34

Orange, N.J. January 1914

136 Manufacturing 818  
 Manufacturing

To credit Packing Packing with an amount  
 to cover packing of machines delivered during  
 month of January 1914

7 Phonographs 7731.99  
 16 Cuts, Mus. Records 66.67

Packing Packing 7798.66 7111

Deen Phonographs	41 @ 36 =	1476
Zinside " " " "	1072, 35 =	37520
" " " " " "	111, 45 =	5120
Standard " " " "	5, 40 =	200
" " " " " "	1, 45 =	45
" " " " " "	752, 60 =	15120
Home	6, 50 =	300
Triumph	1, 80 =	80
Concert	13, 80 =	1040
School	13, 125 =	1755
Amberola, # 1	15, 435 =	6525
" " " " " "	20, 360 =	7200
" " " " " "	10, 360 =	3600
" " " " " "	221, 105 =	23205
" " " " " "	513, 105 =	53865
" " " " " "	180, 60 =	10800
" " " " " "	1947, 50 =	97350
Dictating Machine	407, 60 =	24420
" " " " " "	98, 85 =	8330
Home	83, 21 =	1743
Bates Mus.	727, 59 =	6543
Wigand	16, 59 =	144
Deen Phonograph 260	145, 105 =	15275
" " " " " "	480, 701, 105 =	73605
" " " " " "	150, 387, 360 =	129270
" " " " " "	1700, 309, 1325 =	1004725
" " " " " "	1050, 317, 435 =	135770
" " " " " "	790, 4, 375 =	1500
" " " " " "	1300, 8, 235 =	3480
" " " " " "	375, 2, 380 =	760
" " " " " "	440, 2, 275 =	750
" " " " " "	440, 2, 275 =	750
Windsor Stat	10, 50 =	500

7798.66 ✓  
 7798.66



Orange N.J. February 1914

81 Accounts Payable 78  
Account Receivable Cr 830

To transfer the following accounts

1	Thomas A. Edison Inc.	876.54	3
5	Edison Chemical Works	20.17	5
107	Wm. Thos. A. Edison	7.15	8
5	C. H. Wilson	53	6

65 Unclaimed Wages 831

To transfer the above amount to Profit  
Loss

✓ Surplus 832

To transfer the above amount to the

314	General Ledger		
313	Thomas A. Edison Inc.	21982.70119	
313	Edison Storage Battery Co.	2379.8513	
		dit. 5-14-1105	

80 Profit Loss 833

To transfer the following to Profit  
Loss

Surplus etc 8890 102

67 Accounts Payable 834

To transfer the following accounts

19	Thomas A. Edison Inc. Ledger		
12	Thomas A. Edison Inc. Ledger		
12	Rouse Van Vliet	7370	1
	Thomas A. Edison Inc.	19	

68 Accounts Payable 835

To transfer the above amount to the

19	Thomas A. Edison Inc.	19001.45	
	Thomas A. Edison Inc.	19001.45	

899.391

899.39

247.671

247.67

27415.691

27415.69

88901

8890

73551

7355

19001.45

19001.45

Orange N.J. February 1914

136 Manufacturing 78  
Manufacturing 836To credit Packing & Piping with an amount  
to cover packing & machine delivered during  
month of February 1914.

7	Photographs	8365.031	
186	Auto Wind Machine	77.211	
		Cr	

Packing &amp; Piping 8442.341 711

Sam. Photographs	332	@ .36 =	119.52
------------------	-----	---------	--------

Freinde " St. Chas.	107	" .35 =	37.45
---------------------	-----	---------	-------

" " St. "	539	" .45 =	242.55
-----------	-----	---------	--------

Standard " Cy "	8	" .40 =	3.20
-----------------	---	---------	------

" " St. "	7	" .45 =	3.15
-----------	---	---------	------

" " S.S. "	198	" .60 =	118.80
------------	-----	---------	--------

Home " "	11	" .50 =	5.50
----------	----	---------	------

Concent " "	3	" .80 =	2.40
-------------	---	---------	------

Shool " "	1	" 1.35 =	1.35
-----------	---	----------	------

Ambrula " #1	6	" 4.25 =	25.50
--------------	---	----------	-------

" " J	12	" 3.60 =	43.20
-------	----	----------	-------

" " H	2	" 3.60 =	7.20
-------	---	----------	------

" " 5	237	" 1.05 =	248.85
-------	-----	----------	--------

" " 6	308	" 1.05 =	323.40
-------	-----	----------	--------

" " 8	183	" .60 =	109.80
-------	-----	---------	--------

" " 10	1741	" .50 =	870.50
--------	------	---------	--------

Distilling Machine	481	" .60 =	288.60
--------------------	-----	---------	--------

" Shog "	148	" .85 =	125.80
----------	-----	---------	--------

Home " "	46	" .21 =	9.66
----------	----	---------	------

Auto Wind "	878	" .09 =	79.02
-------------	-----	---------	-------

Wigand " "	31	" .09 =	2.79
------------	----	---------	------

Auto Photographs	150	" 1.05 =	157.50
------------------	-----	----------	--------

" " J	80	" 5.66 =	452.80
-------	----	----------	--------

" " H	150	" 3.60 =	540.00
-------	-----	----------	--------

" " "	700	" 3.25 =	2275.00
-------	-----	----------	---------

" " "	760	" 5.28 =	4012.80
-------	-----	----------	---------

" " "	790	" 3.75 =	2962.50
-------	-----	----------	---------

" " "	300	" 1.425 =	427.50
-------	-----	-----------	--------

" " "	375	" 3.80 =	1425.00
-------	-----	----------	---------

" " "	400	" 3.75 =	1500.00
-------	-----	----------	---------

" " "	475	" 3.80 =	1807.50
-------	-----	----------	---------

" " "	450	" 3.75 =	1687.50
-------	-----	----------	---------

" " "	275	" 3.75 =	1031.25
-------	-----	----------	---------

Coin Slot	1	" .50 =	.50
-----------	---	---------	-----

Orange, N. J. February 1914

109 General Expense 78 837

To charge General Expense with the above amount. This amount is chargeable to the month of February 1914 as shown by the General Ledger.

57-177 Reserve for Water 796  
58-123 Taxes Accrued 332  
58-120 1049.94 Unexpended Dividend 342  
68-120 9.79

780 Profit Loss 838

To charge Profit Loss with amount of royalties paid on Automatic Venturing Machine during year ending Feb. 28, 1914  
Automatic Venturing Machine Royalty 11462.577

780 Profit Loss 839

To write off debit balance appearing in the Bal. Sheet account for the fiscal year ending February 28, 1914  
Bal. Sheet Account 4687.1  
Surplus Acct. 4687.3

136 Manufacturing 840

To charge Photograph account with balance of photographing account less inventory Feb. 28, 1914  
71 Photograph 6043.88 photographing 1766

136 Manufacturing 841

To credit photograph account with above amount, as same covers increased valuation of Raw Material as shown by inventory February 28, 1914  
171 Raw Material 5912.63 Photograph 7

197531.1

✓ 375.00  
✓ 491.08  
✓ 105973

1164.00 ✓ 1166.00

4687.1

4687

6043.88 ✓

6012.86

5912.63 ✓

5912.63

Orange, N. J. February 1914

136 Manufacturing 78 842

To transfer difference in Nickel plating account.

71 Photograph 1161 34476 Nickel Plating 1161 6895  
7051 Cabinet 1161 6895

161 Sales 843

To transfer amount of Scrap Sales to Photograph account

713 Scrap 12606.52 Photographs 123

161 Sales 844

To consolidate P. H. Screen account with Projecting Kinetoscope account

371 Proj. Kinetoscope Screens 7511.50 Proj. Kinetoscope 63

136 Manufacturing 845

To consolidate Projecting Kinetoscope Screen account with Proj. Kinetoscope account

861 Proj. Kinet. 1617.75 P. H. Screens 71

136 Manufacturing 846

To transfer Expense directly chargeable to Balis Machine

1861 Auto. Mount Machine 13536.91

136 Manufacturing 847

To transfer difference in Coal account as per inventory February 28, 1914

7351 Coal 7707.49

41371.1

41371

12606.52

12606.52

7511.50

7511.50

1617.75

1617.75

13536.91

13536.91

7707.49

7707.49



Orange N.J. February 1914

137 Manufacturing 28 848  
Manufacturing 136 55811351 5581135

To charge Photograph account with the amount of same cover cost of flannel covers used on Antinols + 5 + 6 and Misc a to \$80. These covers were not included in transfer price of packing consequently this entry is necessary as per attached list.

7 Photograph 5581135 Packing Paying 417

137 Manufacturing 849  
Manufacturing 136 41069891 4106989

To transfer above amount of same covers difference in Packing Paying account caused by transfer price of packing being too low. The packing has undergone a good many changes during the year which the transfer price did not take care of.

7 Photograph 4106989 Packing Paying 417  
Auto Wash Wachs 4106989

137 Manufacturing 850  
Manufacturing 136 19087611 1908761

To charge Packing Paying with about amount of same covers difference in Box Factory account for year ending July 18-1914 do for material after taking transfer price and finding same correct. The Manufacturing department can only state the number of boxes taken and not transferred.

117 Packing Paying 1908761 Box Factory 1105

137 Manufacturing 851  
Manufacturing 109 9853261 985326

To charge Box Factory with expense directly charged to the department amounting to \$987.99 and also with a proportion of the expense of the non-productive department based on the production labor performed by the department to \$853.28.

105 Box Factory 985328

Orange N.J. February 1914

374 Thomas A Edison Inc 28 852 26916477 26916472  
Sales 162

To charge Thomas A Edison Inc to make Photograph sales account equal 10% profit and Electrical Appliances account equal 10% profit on total material plus flannel expense + depreciation.

2 Mr. Lindenberg Nat. Graph. Co.  
Photographs 1507.950.03 - 4467.02 - 1307.950.03  
Wax 119.702.08 - 702.20 - 119.702.08  
Electrical Appliances 16.743.06 - 6.743.06 - 9.501.06 - 9.501.06  
1498.378.15 - 447.677.15 - 1498.378.15

Photograph does is shown by books 121.650.53  
Wax " " " 10.600.65  
Electrical Appliances 702.20 119.702.08  
26916477

Or  
Photographs 26916477.53 + 3  
Wax 702.20 119.702.08  
Electrical Appliances 696.614 361

137 Manufacturing 853 56749486 56749486  
General Expense 109

To distribute General Expense Pro rata over the following accounts:

71 Photographs 353307.64  
136 Auto Wash Wachs 16.108.95  
417 Wax 70.469.41  
125 Miscellaneous Orders 45.990.55  
1461 2 an Motor 9.117  
851 Carj. Kinestrophes 71.172.98  
7051 Cabinets 107.412.81  
371 Electrical Appliances 2.688.35

Orange N.J. February 1914

161 Sales

78

854

5740703

5740703

Thos A Edison Due 374

To credit Thos A Edison Due with above  
amount as same covers profit on cabinet  
in excess of 15% profit on Sales Material  
& General Expense (See C. H. Wilson, H. H. H. H.  
authority attached to H. H. H. H.)

15% Profit on Sales Material  
Cabinet 520271.80 - 21401.10 = 48901.60

Cabinet Profit: shown by bal.

101.308.63

5740703

In

no3 Refund 5740703

161 Sales

855

7140716751

5140716751

Manufacturing

To transfer cost of goods sold during year  
ending February 28, 1914 as shown by Profit & Loss

1131 Hardware	1387.75499	17
1031 Tools, Mach. & Equip.	60.07602	186
731 Parts, Merchandise	533.32	573
1131 W. & L.	98.944.38	1161
1031 Miscellaneous Orders	165.191.13	1126
1131 W. & L.	1.70690	1111
821 Raw Materials	62.753.08	85
631 Material Sales	26.602.64	163
7031 Cabinet	226.01073	605
301 Electrical Appliances	9.501.16	137

Orange N.J. February 1914

161 Sales

78

856

34091551

34091551

Profit Loss

Profit Loss realized during year ending  
February 28, 1914

311 Hardware	207.229.00
1031 Tools, Mach. & Equip.	14.126.95
731 Parts, Merchandise	1.308.56
1131 W. & L.	14.837.90
1031 Miscellaneous Orders	20.440.87
1131 W. & L.	1.197.18
821 Raw Materials	6.660.39
631 Material Sales	7.547.31
7031 Cabinet	48.901.60
301 Electrical Appliances	950.11

94 Accounts Payable

857

679.52

679.52

Thos A Edison Due 374

To transfer the above amount to the General  
Ledger Profit & Loss account of #832

19 Thos A Edison Due 679.52

Profit Loss

857A 780

779370

Sundries

To depreciate the following accounts  
in addition to amount depreciated  
Dec 31-1913

Machinery Tools	109.7852
Furniture & Appliances	101.17
Automobile	30.9

643928

114708

20724

Orange, N.J. March 1914

✓ Account Receivable 858  
Account Receivable 57

To transfer the above amount which represent  
 a 15% dividend on our claim against the  
 Wall Auto Head Company for 17 which  
 amount was charged to suspense in January  
 1914 \$ 807

✓ Bank Check Receivable 26 Bank Check Receivable 1  
 106 Wall Auto Head Bank Check Suspense Account 3

✓ Account Receivable 859  
Sales 107

To transfer the above amount  
 1 Mended Samuels from 8610 Scrap 447

✓ Insurance Receivable 860  
Referral Charges 15

To charge Insurance Referral fund with  
 amount paid out of Betty Carl on the following  
 account: shown by dated for month of  
 March 1914

of Frank E. Hunt	of Henry Hansen	of Sprague
March 1 7.25	5.00	
9 7.25	5.00	
16 7.25	5.00	
23 7.25	5.00	7.35
30 7.25	5.00	7.35
	<u>75.00</u>	<u>14.70</u>

✓ Sundries 861  
Account Payable 67

To transfer the above amount to the General  
 Ledger  
 311 Thomas A Edison Inc 23 397.89 19  
 312 Edison Storage Battery Co 2776.26 3  
 313 " " 62.25 105

✓ Account Receivable 862  
Account Payable 87

To transfer the above amount  
 51 Edison Son 700.00 Franklin Son 205

26 ✓  
 ✓ 26

8610 ✓  
 ✓ 8610

7595 ✓  
 ✓ 7595

26337.50 ✓  
 ✓ 26337.50

700.00 ✓  
 ✓ 700.00

Orange, N.J. March 1914

✓ Sundries 863 57 81003762  
Account Receivable 57 81003762

To transfer the following to the General  
 Ledger

312 Edison Storage Battery Co 10911.7  
 313 Thomas A Edison Inc 8089435.7

✓ Account Payable 864 46896 ✓  
Account Receivable 57 46896

To transfer the above amount  
 1 Thomas A Edison (Pat) 468.43 3  
 5 C. H. Wilson .53 6

109 General Expense 865 1934730  
Sundries 1

To charge General Expense with the  
 above amount. This amount is chargeable  
 for the month of March 1914 as shown  
 by the General Ledger

57-177	Refers for Water	296	✓	37500
58-123	Fuel Received	333	✓	45988
57-174	Unexpired Ins. Prem.	462	✓	109985
58-120				



Orange N.J. April 1914

353 Insurance Received 29  
 872  
 102.10 ✓ 102.10  
 ✓ 102.10

29 Charge Insurance Received 7 added  
 with amount paid out of Petty Cash  
 during month of April 1914 on the following  
 accounts:

acc	acc	acc	acc
Frank E. Hunt	Harry Hansen	Spence Bros	John J. Papp
Apr 6 7.25	5.00	7.35	
13 7.25	5.00	7.35	
20 7.25	5.00	7.35	
27 7.25	5.00	7.35	
	20.00	29.40	22.70
28.00	20.00	29.40	22.70

109 General Expense 873 ✓

29 Charge General Expense with the above  
 amount. This amount is chargeable for  
 the month of April 1914 as shown by the  
 General Ledger.

Apr 17	Reserve for Water	196	✓	27.500
58-130	James O'Brien	333	✓	459.85
57-154	Unexpended Ins. Premium	213	✓	108.231
58-130	1020.44			
68-130	9.75			

✓ Sundries 874 ✓

29 Accounts Receivable 3  
 To transfer the following amounts to  
 the General Ledger.

312 Edison Storage Batteries	13260	2
312 Edison A. Edison, Inc.	5.528.13	7

Orange N.J. April 1914

37 Manufacturing 20  
 875  
 9578.99 ✓ 9578.99  
 ✓ 9578.99

29 Credit Packing & boxing with an  
 amount to cover packing & machine  
 delivered during month of April 1914

8 Phonographs 9520.29  
 15 Bulo. Nickel Macks 48.60

Cr  
 Packing & Boxing 9578.99 212

Rem Phonographs	110 @ .36 =	14.40
Firestone	83 @ .35 =	29.05
" " " " " "	475 @ .45 =	212.10
Standard " " " "	1 @ .40 =	.40
" " " " " "	4 @ .45 =	1.80
" " " " " "	50 @ .60 =	30.00
Home " " " "	16 @ .50 =	8.00
Concert " " " "	11 @ .80 =	8.80
School " " " "	10 @ 1.35 =	13.50
Amberole " " " "	13 @ 4.56 =	59.28
" " " " " "	17 @ 3.86 =	65.62
" " " " " "	2 @ 3.86 =	7.72
" " " " " "	19 @ 1.20 =	22.80
" " " " " "	147 @ .82 =	120.54
" " " " " "	178 @ .60 =	106.80
" " " " " "	2057 @ .50 =	1028.50
Dictating Machines	574 @ .50 =	287.00
" " " " " "	134 @ .85 =	113.90
Home " " " "	46 @ .21 =	9.66
Ballo. Numbering Macks	501 @ .09 =	45.09
Wigand " " " "	39 @ .09 =	3.51
Dict. Phonographs Bbs	181 @ 1.20 =	217.20
" " " " " "	80 @ 1.97 =	157.60
" " " " " "	150 @ 5.16 =	774.00
" " " " " "	700 @ 3.46 =	2422.00
" " " " " "	750 @ 1.11 =	832.50
" " " " " "	275 @ 5 @ 4.20 =	2150.00
" " " " " "	240 @ 8 @ 4.30 =	832.00
" " " " " "	300 @ 7 @ 4.56 =	984.00
" " " " " "	215 @ 1 @ 4.36 =	937.00
" " " " " "	400 @ 3 @ 4.30 =	516.00
" " " " " "	420 @ 1 @ 4.36 =	1831.20
" " " " " "	420 @ 1 @ 4.30 =	1812.00

Orange N.J. May 1914

109 General Expense 79  
 Interest on our note dated 11/14 due 4/14  
 at Sec'y National Bank Orange N.J.  
 \$5,000.00 for 4 mos @ 6% = 100.00  
 Second Nat'l Bank 100.00 ✓

133 Accounts Receivable 877  
 To transfer the following account  
 to Black & White  
 ✓ Edison Storage Batteries 43.06 313  
 1 Thomas A. Edison Inc 13.20 4-1-30/14

133 Account Payable 878  
 To transfer the following account  
 ✓ Thomas A. Edison, cash 74.835 3  
 1 Mrs Thomas A. Edison 19.63 8  
 5 C. H. Wilson 5.68 2

109 General Expense 879  
 To charge General Expense with the  
 above amount this amount is charged  
 for the month of May 1914 as shown  
 by the General Ledger  
 5-177 Reserve for Water 26  
 58-133 Taxes Accrued 313  
 50-194 52.61 Unexp'd Int. Train 313  
 58-130 988.98  
 68-130 0.73

133 Insurance Receivable 880  
 To charge Insurance Receivable and with  
 amount paid out of Petty Cash during the  
 month of May 1914 on the following account  
 11 190 5.00  
 18 190 7.25  
 76 190 7.25  
 31.60 79.00 20.00

100000  
 ✓ 100000

73161.15  
 - 73161.15

77166  
 ✓ 77166

188576

✓ 375.00  
 ✓ 457.93  
 ✓ 105085

110000  
 ✓ 110000

Orange N.J. May 1914

137 Manufacturing 881  
 To credit packing & boxing with an  
 amount to cover packing of machines  
 delivered during month of May 1914  
 5. Phonographs 7319.57  
 18 Auto. Wash. Mchrs 60.66  
 Packing & Boxing 7380.23 212

Gram Phonographs	98	@ .36 =	35.28
Trinide	"	1.35 =	.70
Standard	"	1.45 =	36.90
"	"	1.45 =	1.80
"	"	2.10 =	146.10
Home	"	1.50 =	12.00
Trinide	"	1.80 =	.80
Olva	"	1.80 =	.80
Concert	"	1.80 =	2.10
School	"	1.25 =	5.10
Amberola	"	1.45 =	31.97
"	"	1.38 =	116.32
"	"	1.38 =	7.72
"	"	1.20 =	174.70
"	"	1.45 =	118.90
"	"	1.22 =	78.20
"	"	2.95 =	147.50
Dictating Machines	607	1.60 =	364.20
" Slip	107	1.85 =	90.95
Home	"	1.21 =	5.88
Radio Mchrs	637	1.09 =	57.33
Wayard	27	1.09 =	33.33
Dict. Phonographs	860	1.12 =	109.20
"	80	1.20 =	42.480
"	100	1.38 =	187.96
"	700	1.30 =	836.00
"	700	1.45 =	136.08
"	775	1.30 =	86.00
"	290	1.30 =	8.60
"	300	1.46 =	41.01
"	375	1.46 =	41.36
"	440	1.30 =	8.60
"	445	1.30 =	8.60
"	450	1.30 =	4.30

Orange, N.J. May 1914

83 Accounts Payable	29	882	1081.54	✓	1081.5
<u>Account Payable 53</u>					
To transfer the above amount from the					
A. Edison, Inc. Ledger					
27 Edison Warehouse	267	Thos A Edison Inc	19		
3 Public Service Co	6.00	" "	"	19	
17 Rouer Van Allen	66.28	" "	"	19	
✓ <u>Sundries</u>	"	883	16,592.32	✓	16,592.32
<u>Account Payable 53</u>					
To transfer the following amount					
to the General Ledger					
321 Thos A Edison Inc	16	196.54	19		
313 Edison Storage Battery Co		316.22	3		
" " " " " Int		79.56	105		

Orange, N.J. June 1914

83 Accounts Payable	30	882	971.01	✓	971.01
<u>Account Receivable 53</u>					
To transfer the following accounts					
1 Thos A Edison Int	897.13	3			
107 Mrs Thos A Edison	18.19	8			
1 Universal Caster Foundry Co	7.18	100			
5 C. H. Wilson	8.66	6			
105 Otto Weber	77	100			
57 Accounts Receivable	"	885	13,779.55	✓	13,779.55
<u>Sundries</u>					
To transfer the following accounts					
to the General Ledger					
7 Thos A Edison Int	137.95	406	374		
7 Edison Storage Battery Co	158.51	313			
83 Accounts Payable	"	886	97366.02	✓	97366.02
<u>Sundries</u>					
To transfer the following accounts to					
the General Ledger					
19 Thos A Edison Inc	976.99	67	574		
3 Edison Storage Battery Co	757.61	313			
105 " " " Int	81.06	11			
107 General Expense	"	887	7779.35	✓	7779.35
<u>Sundries</u>					
To charge General Expense with the					
above amount this amount is chargeable					
for the month of June 1914 as shown by the					
General Ledger					
57-177	Reserve for Water	797	✓	275.00	
58-133	Taxes Collected	323	✓	781.74	
57-174	Unexpired Ins Premium	343	✓	1073.11	
58-130		1008.99			
68-130		11.48			





Orange, N. J. July 1914

52 Accounts Receivable 871 53  
Account Receivable 53

To transfer the above amount Account  
 of same being paid by the New York Office

1 Auto Acct; Receivable 24 Auto Acct; Receivable 1  
 5 Western Elec Co. N.Y.C. 24 Western Elec Co. Pitt. 116

53 Accounts Receivable 892  
Account Receivable 53

To transfer the above amount as per memo  
 from New York Office that Fielding, Behrend  
 Stally Co. has been succeeded by Stiffin  
 Stally Co.

1 Auto Acct; Receivable 15492 Auto Acct; Receivable 1  
 17 Stiffin Stally Co. Inc 15492 Fielding Behrend Stally Co. 17

53 Insurance Receivable 893  
Insurance Receivable 15

To charge Insurance Account Frank  
 with amount paid out of Policy Cash  
 during the month of July 1914 on the following  
 accounts

of Harry Hansen of Pennsylvania Frank Salem for Reigen			
July 7	5.00	7.35	6.88
14	5.00	7.35	6.88
21	5.00	7.35	6.88
27	5.00	7.35	6.88
29			
	<u>20.00</u>	<u>29.40</u>	<u>27.52</u>
			<u>7.80</u>
			<u>7.80</u>

53 Accounts Payable 894  
Account Receivable 53

To transfer the following account

50 <u>A. J. Connolly</u>	2.12	<u>A. J. Connolly</u>	101
104 <u>Wm. Thomas Edison</u>	11.41	<u>Wm. Thomas Edison</u>	8
5 <u>C. H. Wilson</u>	1.50	<u>C. H. Wilson</u>	51
106 <u>C. J. Wetzal</u>	72	<u>C. J. Wetzal</u>	100
105 <u>O. Wether</u>	9.38	<u>O. Wether</u>	101
74 <u>Watson Bros</u>		<u>Watson Bros</u>	

Orange, N. J. July 1914

53 Accounts Payable 895  
Account Payable 83

To transfer the following account

11 U. S. Aluminum Co 3234 U. S. Aluminum Co of America 27

53 Accounts Payable 896  
Account Payable 83

To transfer the following from the  
 A. Edison Inc Ledger

10 <u>Barfield Photo Engr Co</u>	24.44	<u>Barfield Photo Engr Co</u>	19
24 <u>Century Cabinet Co</u>	24.44	"	"
22 <u>Excelsior Wagon Co</u>	70.00	"	"
17 <u>Pence &amp; Van Nelson</u>	64.72	"	"
16 <u>Lincoln Aminals Co</u>	115.63	"	"
17 <u>H. R. Choate</u>	50.00	"	"
5 <u>E. B. Jordan Co</u>	1817.13	"	"

✓ Sundries 897  
Account Payable 83

To transfer the above amount to the  
 General Ledger

374 <u>Thomas A. Edison Inc</u>	8623.27	"	19
313 <u>Edison Storage Battery Co</u>	1745.07	"	237
"	"	"	"
"	"	"	"
"	82.77	"	105

53 Accounts Payable 898  
Account Payable 83

To transfer the following account

210 Refrigerating Co 175 Refrigerating Co 111

53 Accounts Receivable 899  
Account Receivable 53

To transfer the above amount which comes  
 from Sumner & Co. charged in error to  
 Ray Morris, should be E. D. Morris

100 <u>E. D. Morris</u>	1.19	<u>Ray Morris</u>	101
-------------------------	------	-------------------	-----

53 Accounts Receivable 900  
Account Receivable 53

To transfer the following account

1 Auto Acct; Receivable 97 Auto Acct; Receivable 1  
 2 Supplies Account 50 Florida Rury Co 50

Orange, N.J., July 1914

137 Manufacturing 31 902 137

To credit Packing Slipping with an amount  
to cover packing of Machine delivered during  
month of July 1914

9 Phonograph	1579.17		
15 Dictating Machine	51.12		
Packing Slipping 188449 244117			
Ken Phonograph	11 @ 26 =	286	
Turnstile " w/ Cylons	8 " 35 =	280	
Standard " "	4 " 40 =	160	
" " 225	170 " 60 =	102.00	
Hans " w/ Cylons	4 " 50 =	200	
Triumph " "	3 " 80 =	240	
Concert " "	4 " 80 =	320	
Alma " "	1 " 80 =	80	
School " "	4 " 135 =	540	
Amberola " 1	4 " 45.64 =	182.56	
" " 3	4 " 3.86 =	15.44	
" " 5	161 " 1.20 =	193.20	
" " 6	27 " .82 =	22.14	
" " 8	173 " 60 =	103.80	
" " 10	1644 " 50 =	822.00	
Dictating Machine	370 " 60 =	222.00	
" Ship	100 " 85 =	85.00	
Hans " "	24 " 21 =	504	
Bates " "	527 " 09 =	47.61	
Ward " "	37 " 09 =	3.51	
Dict. Phonograph 250	204 " 1.20 =	244.80	
" " 80	1250 " 1.20 =	1500.00	
" " 150	942 " 3.86 =	3636.12	
" " 200	919 " 3.80 =	3492.20	
" " 750	1702 " 4.56 =	7761.12	
" " 275	46 " 43.30 =	197.80	
" " 240	41 " 43.30 =	17.70	
" " 300	18 " 4.56 =	82.08	
" " 375	16 " 4.36 =	69.76	
" " 400	5 " 43.30 =	21.65	
" " 475	2 " 43.6 =	87.2	
" " 450	- " -	-	

18649241  
1864924

Orange, N.J., July 1914

100 General Expense 31 902 100 7373.81 ✓

Sundries

To charge General Expense with the  
amount of this amount chargeable for  
the month of July 1914 as shown by the  
General Ledger

37-177	Reserve for Water	797	✓	260.86
58-133	Faxes Received	333	✓	781.20
57-174	Unexpended Insurance	343	✓	281.65
58-130		1217.53		
68-120		11.48		

✓ Sundries 31 903 142623.79 ✓

Accounts Receivable 53

To transfer the above amount to the  
General Ledger

312 Edison Storage Battery Co	126.45	✓
374 Thomas A Edison, Inc	142447.24	✓

Orange, N.J. August 1914

## 199 Bond Interest

Unpaid Bond Interest 913

To amount of Bond Interest due this day on Coupon No 24

4700.00 ✓ 4700.00

## 53 Accounts Receivable

Accounts Receivable 913

To transfer the following amount to Attorney's account

1 Bond Debt Receivable 1067 Bond Debt Receivable 1  
 1 Attorney's account 1067 Wm Hancy 61

1067 ✓ 1067

## 53 Accounts Receivable

Accounts Receivable 913

To suspense the following account

1 Bond Debt Receivable 353 Bond Debt Receivable 1  
 3 Suspense acct 50  
 " " 97 E. W. Edmundson Co 65  
 " " 244 Wm Hancy Co 50

353 ✓ 353

## 53 Accounts Receivable

Accounts Receivable 907

To transfer the above amount to the General Ledger

7 Edison Storage Battery Co 70.01 312  
 7 Thomas A. Edison Inc 60.27 24374

60292.01 ✓ 60292.01

## 53 Accounts Payable

Accounts Payable 913

To transfer the above amount

1 Thos A Edison, East 1773.95 3  
 5 Edison Chemical Works 3.43 5  
 107 Mrs Thomas A Edison 21.13 8

1798.51 ✓ 1798.51

## ✓ Sundries

Sundries 909

To transfer the above amount to the General Ledger

374 Thos A Edison Inc 14815.12 19 ✓  
 313 Edison Storage Battery Co 493.55 5 ✓  
 313 " " 78.11 1001

14399.68 ✓ 14399.68

Orange, N.J. August 1914

## 37 Manufacturing

Manufacturing 910

To credit packing receipt with an amount

to cover packing of machine delivered during month of August 1914

8 Phonographs 8568.97  
 167 Radio Machines 5022

8619.19 ✓ 8619.19

## Home Phonographs

Packing (Packing 8619.19 1914)

Zincide " Weyburn

Standard " Cy.

Home " Weyburn

Triumph " Weyburn

Concert " Weyburn

Ultra " Weyburn

School " Weyburn

Amberole " #1

" " #3

" " #5

" " #6

" " #8

" " #10

" " #12

" " #14

" " #16

" " #18

" " #20

" " #22

" " #24

" " #26

" " #28

" " #30

72 @ 26 = 1792  
 10 @ 25 = 250  
 2 @ 45 = 90  
 2 @ 40 = 80  
 130 @ 60 = 7800  
 5 @ 250 = 1250  
 1 @ 80 = 80  
 6 @ 80 = 480  
 1 @ 80 = 80  
 3 @ 125 = 375  
 1 @ 45 = 45  
 6 @ 38 = 228  
 81 @ 120 = 9720  
 122 @ 82 = 10004  
 306 @ 60 = 18360  
 1499 @ 50 = 74950  
 211 @ 60 = 12660  
 71 @ 85 = 6035  
 13 @ 21 = 273  
 546 @ 9 = 4914  
 12 @ 9 = 108  
 74 @ 120 = 8880  
 416 @ 120 = 49920  
 620 @ 38 = 23760  
 505 @ 38 = 19190  
 436 @ 45 = 19680  
 40 @ 43 = 1720  
 6 @ 43 = 258  
 3 @ 45 = 135  
 1 @ 46 = 46  
 - @ 43 = -  
 1 @ 43 = 43  
 2 @ 43 = 86

Orange, N.J. August 1914

Insurance Reserves			
Deferred Charges			
To charge Insurance Reserves fund with amount paid out of Petty cash during the month of August 1914 on the following account:			
of Frank Sloan - Spornhamis Harry House for Sept			
Aug 5	6.88	7.35	5.00
16	6.88	7.35	7.80
17	6.88	7.35	5.00
24	6.88	7.35	7.80
31	6.88	7.35	7.80
	34.40	36.75	25.00

General Expense			
Sundries			
To charge General Expense with the above amount. This amount is chargeable for the month of August 1914 as shown by the General ledger.			
57-177		Reserve for Water	79.7
58-123		Taxes Received	38.3
58-120	12.26	Unexpended Premium	2.3
57-174	52.64		
68-120	11.48		

135.15

135.15

7446.51

Orange, N.J. September 1914

Account Payable		Account Receivable	
To transfer the above amount to the		To transfer the above amount to the	
Bates Account Receivable Ledger		Bates Account Receivable Ledger	
50 W. H. Hickman	40 Bates Acct Receivable	100	530
50 Aaron V. Bowser	40 W. H. Hickman	100	530
	40 Bates Acct Receivable		
	40 Aaron V. Bowser		
Accounts Receivable		Accounts Receivable	
To suspense the above amount		To suspense the above amount	
51 Suspense Account	119 E & P Morris	100	119
Accounts Receivable		Accounts Receivable	
To transfer the above amount from		To transfer the above amount from	
Attorneys account back to the original		Attorneys account back to the original	
account		account	
1 Bates Acct Receivable	106.7 Bates Acct Receivable	1	106.7
61 W. H. Hickman	106.7 Attorneys Acct.	8	
Accounts Receivable		Accounts Receivable	
To transfer the following accounts		To transfer the following accounts	
see authority attached to Voucher #26		see authority attached to Voucher #26	
September 1914		September 1914	
1 Bates Acct Receivable	295 Bates Acct Receivable	1	295
103 The Interstate Bldg Co	215 Attorneys Account	8	
114 W. H. Hickman	80 Interstate Bldg Co	103	
Accounts Receivable		Accounts Receivable	
To transfer the following accounts		To transfer the following accounts	
See authority for same attached to		See authority for same attached to	
Voucher #197 Sept 1914		Voucher #197 Sept 1914	
1 Bates Acct Receivable	189.5 Bates Acct Receivable	1	189.5
107 Davis Printing Co	9.15 Attorneys Account	8	
103 Aaron V. Bowser	9.80 Davis Printing Co	107	

Orange, N.J. September 1914

33 Account Receivable 30 918  
Account Receivable 53

To suspense the above amount see  
 authority attached to voucher in Sept 1914.  
 1 Auto. Debt Receivable 135 Auto. Debt Receivable 1  
 2 Suspense Account 135 Substantive Auto. Co 103

33 Account Receivable 919  
Account Receivable 53

To transfer the following accounts:  
 1 Auto. Debt Receivable 135 Auto. Debt Receivable 1  
 3 Auto. Suspense 112 Union 50  
 3 " 106 Wm. H. Hasey 61  
 8 Attorney's Account 199 Wm. H. Hasey 50

250 Insurance Received 920  
Deferred Charges 15

To charge Insurance Received with the  
 amount which was amount paid out of Petty  
 cash on the following accounts for the month  
 of September 1914

	Sept 6	Sept 14	Sept 21	Sept 28
Sept 6	5.00	6.88	7.35	7.60
Sept 14	5.00	6.88	7.35	7.60
Sept 21	5.00	6.88	7.35	7.60
Sept 28	5.00	6.88	7.35	7.60
	20.00	27.50	29.40	31.20

33 Account Payable 921  
Account Receivable 53

To transfer the following accounts:  
 1 Thomas A. Edison Feb 65.06 3  
 107 Wm. Thomas A. Edison 17.00 8  
 C. H. Wilson 3.63 6

83 Account Payable 922  
Sundry

To transfer the above amount to the General  
 Ledger  
 19 Thomas A. Edison Inc 3,391.69 3rd  
 105 Edison Storage Battery Co 951.54 3rd  
 106 " " 76.24

135

135

1308

1308

108.12

108.12

655.69

655.69

7360.71

7360.71

Orange, N.J. September 1914

M Manufacturing 30 923/37  
Manufacturing 137

To credit Packing (Boxing) with amount  
 to cover packing of machine delivered  
 during month of September 1914

8 Photographs 5114.96  
 17 Auto. Manufacturing Marks 30.51  
Packing & Boxing 5145.47 317

	201	@	26	=	10836
Sam Photographs	400	35	=	140.00	
Standard	100	60	=	60.00	
Home	10	50	=	2.00	
Triumph	1	80	=	.80	
Concert	3	80	=	2.40	
School	3	135	=	4.05	
Home Sewing Machine	10	21	=	2.10	
Amberlite Photographs	3	456	=	13.68	
"	3	38	=	2.34	
"	4	38	=	7.72	
"	5	102	=	12.80	
"	6	181	=	10.86	
"	8	200	=	16.00	
"	10	460	=	23.00	

	161	60	=	96.60
Dictating Machines	35	85	=	29.75
" Sling	318	09	=	28.62
Boiler Manufacturing	21	09	=	1.89
Wagon	63	120	=	7.56
Bin Photograph	80	545	=	61.80
"	150	407	=	157.02
"	200	147	=	558.60
"	280	240	=	1094.40
"	275	11	=	47.30
"	290	1	=	4.30
"	300	3	=	13.68
"	315	2	=	8.72
"	400	-	=	-
"	475	1	=	4.36
"	450	1	=	4.30

Orange, N. J. September 1914

### 83 Accounts Payable<sup>20</sup> 924

To transfer the following to the General Ledger

19	Thos. A. Edison, Inc.	964	Al. J. Connelly	50
19	"	4060	W. M. Farland	201
22	Edison Works Co.	4070	Thos. A. Edison, Inc.	19
21	Standard Box Co.	8500	"	19
17	Columbia Refining Co.	1650	"	19

### 83 Accounts Payable<sup>20</sup> 925

To transfer the following amount to the General Ledger

201	W. Mac Millan	4060	Standard Box Co.	121
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### 110 General Expense<sup>20</sup> 926

To charge General Expense with this amount. This is chargeable for the month of September 1914 as shown by the General Ledger

58-130	1137.31	Reserve for Water	299
58-130	11.49	Taxes Collected	333
57-174	52.64	Unexpended Insurance	343

### 53 Accounts Receivable<sup>20</sup> 927

To transfer the following amount to the General Ledger

Edison Storage Battery Co.	9155	313
Thos. A. Edison, Inc.	114955	374

191914

191914

4060

4060

735265

37500

78127

119643

11486399

11486399

Orange, N. J. October 1914

### 84 Accounts Payable<sup>31</sup> 928

To transfer the following accounts:

8	Herman Shaker Co.	17475	Thos. A. Edison, Inc.	19
1	Smith Nichols	1912.50	"	19
11	C. M. Honey Mfg. Co.	572.44	"	19
17	Russell Van Dusen	122.90	"	19
17	Edison Works Co.	4010	"	19
171	Standard Box Co.	3.73	"	19
19	Thos. A. Edison, Inc.	299	P. Marine Co.	19

### ✓ Sundries<sup>31</sup> 929

To transfer the above amount to the General Ledger

374	Thos. A. Edison, Inc.	8203.55	19
313	Edison Storage Battery Co.	786.12	3
312	"	8070.28	19

### 84 Accounts Payable<sup>31</sup> 930

To transfer the following amounts:

1	Thos. A. Edison, Inc.	412.03	3
107	Mrs. Thos. A. Edison	11.15	8
5	C. Hudson	32.6	6

### ✓ Sundries<sup>31</sup> 931

To transfer the above amount to the General Ledger

313	Edison Storage Battery Co.	57.09	7
374	Thos. A. Edison, Inc.	33.99	647

### 110 General Expense<sup>31</sup> 932

To charge General Expense with this amount. This is chargeable for the month of October 1914 as shown by the General Ledger

57-177		Reserve for Water	299
58-133		Taxes Collected	33
58-130	1173.51	Unexpended Insurance	34
58-130	11.48		
57-174	52.64		

778991

778991

917037

917037

473.50

473.50

3105773

3105773

734385

37500

78127

118763

Orange, N.J. October 1914

Manufacturing 31		933	10/12/167	10/12/167
Manufacturing 137				
To credit Packing Truck with an amount to cover hauling of machine delivered during month of October 1914				
Photographs 10.073.24				
Auto Sewing Machine 48.33				
Packing Truck 10/12/167 717				
Auto Sewing Machine	1 @ 36.	144		
Trunk " " " "	3 @ 35.	105		
Standard " " " "	1 @ 40.	40		
" " " " " "	2 @ 45.	90		
" " " " " "	175 @ 60.	10500		
Home " " " " " "	2 @ 50.	100		
School " " " " " "	2 @ 135.	270		
Amberole " " " " " "	2 @ 456.	912		
" " " " " "	10 @ 3.86.	38.60		
" " " " " "	1 @ 3.86.	3.86		
" " " " " "	5 @ 139.	695		
" " " " " "	6 @ 241.	1446		
" " " " " "	8 @ 543.	4344		
" " " " " "	10 @ 666.	6660		
Distortion Machine	224 @ 60.	13440		
" " " " " "	46 @ 85.	3910		
" " " " " "	11 @ 21.	231		
Home " " " " " "	457 @ 59.	26983		
Auto Sewing Machine	86 @ 89.	7654		
Winged " " " " " "	92 @ 120.	11040		
Distortion Machine	80 @ 1105.	88400		
" " " " " "	150 @ 597.	89550		
" " " " " "	700 @ 408.	285600		
" " " " " "	750 @ 688.	516000		
" " " " " "	275 @ 11.	3025		
" " " " " "	290 @ 11.	3190		
" " " " " "	300 @ 10.	3000		
" " " " " "	375 @ 22.	8250		
" " " " " "	400 @ 11.	4400		
" " " " " "	475 @ 2.	950		
" " " " " "	450 @ 3.	1350		

Orange, N.J. October 1914

General Expense 31		934	3500	3500
General Expense 137				
To charge the above account with the amount which covers payroll distribution for month of October 1914				
Insurance Reserve Fund 35		935	9577	9577
Insurance Reserve Fund 137				
To charge Insurance Reserve Fund with this amount which covers amount paid out of Petty Cash on the following account during the month of October 1914				
of H. Hansen - S. Aronson - F. Simon - J. R. Jones				
Oct	5.00	7.35	6.88	7.80
13	5.00	7.35	6.88	7.80
14	5.00	7.35	6.88	7.80
76	—	—	6.88	7.80
	<u>15.00</u>	<u>22.05</u>	<u>27.52</u>	<u>31.20</u>

Orange, N.J., November 1914

53 Accounts Receivable 30  
Account Receivable 936

To transfer the following accounts from  
 Sunders back to the original accounts:  
 1 Bate Acct Receivable 793 Bate Acct Receivable 1  
 1 M. Blake Specialty Co 1/4 Sursense Acct 3  
 66 P. D. Cunningham Co 47 " 3

53 Accounts Receivable 51  
Account Receivable 937

To transfer the following accounts  
 1 Bate Acct Receivable 37 Bate Acct Receivable 1  
 3 Sursense Acct 37 Oscar Williams 113  
 3 " " 1.66 Silvester Standard 50  
 3 " " 1.66 New York City 5  
 3 " " 67 King Record & Photo

53 Accounts Receivable 51  
Account Receivable 938

To transfer the following accounts  
 1 Bate Acct Receivable 762 Bate Acct Receivable 1  
 3 Sursense Acct 17 Sursense Acct 50  
 3 " 206 Sursense Acct 50  
 3 " 10 Sursense Acct 105  
 108 Chas. A. White 108 Sursense Acct 3  
 117 F. J. Olanke Bros Co 11 " 3  
 108 Morning Printers Co 2.76 " 3  
 118 R. A. McHenry 25 " 3  
 1 John Boyle Son 7.8 " 3  
 12 Sursense Acct 12 " 3  
 67 Wood Worth Mills 2.5 " 3

51 Accounts Payable 30  
Account Payable 939

To transfer the above amount to the  
 Thos. A. Edison Inc Ledger  
 19 Thos. A. Edison Inc 115.46 R. J. Connelly 50

793

793

337

337

762

762

115.46

115.46

Orange, N.J., November 1914

✓ Sunders 30  
Account Payable 940

To transfer the above amount to the  
 General Ledger  
 374 Thos. A. Edison Inc 12,477.14 19  
 313 Edison Storage Bldg Co 413.91 3  
 313 " " Datax 84.22 28

Sunders 51  
Account Receivable 941

To transfer the above amount to the  
 General Ledger  
 313 Edison Storage Battery Co 836.5 2  
 374 Thos. A. Edison Inc 3742.08 7

51 Accounts Payable 51  
Account Receivable 942

To transfer the above amount  
 1 Thos. A. Edison Inc 202.05 3  
 107 Mrs. Thos. A. Edison 6.75 8  
 5 C. H. Wilson 4.21 6

51 Accounts Receivable 51  
Account Receivable 943

To transfer the above amount from  
 Sunders to the original account  
 102 E. H. Morris 119 Sursense Acct 51

354 Insurance Reserve 30  
Deferred Charges 944

To charge Insurance Reserve - and with  
 this amount which represents money paid  
 out of Petty Cash on the following account  
 during November 1914  
 Alpha Bayless, Oliver, Brother & Son

Nov 1	7.80	7.50	6.88
9	7.80	7.50	6.88
16	7.80	7.50	6.88
23	7.80	7.50	6.88
30	7.80	7.50	6.88
	34.00	34.50	34.40



Orange, N.J. November 1914

## Manufacturing

30

945

1307463

1307463

## Manufacturing

137

To credit Packing & Shipping with an amount to  
cover packing & machine delivered during  
month of November 1914

6 Phonographs 13033.68  
16 Auto. Wind Machines 20.95

Packing &amp; Shipping 1307463 717

Phonographs	22	26.	742
Standard	21	35.	735
"	27	40.	1080
"	1	45.	180
"	285	20.	5700
"	45	50.	2250
"	3	135.	405
"	5	80.	400
"	1	260.	260
"	1	80.	80
"	11	456.	5016
"	11	286.	3146
"	2	386.	772
"	207	120.	24840
"	278	82.	22796
"	463	60.	27780
"	875	50.	43750
"	166	60.	9960
"	36	85.	3060
"	10	21.	210
"	450	09.	4050
"	25	09.	225
"	90	120.	10800
"	1079	120.	129480
"	1000	386.	386000
"	200	565.	113000
"	250	801.	200250
"	275	19.	5225
"	290	16.	4640
"	300	12.	3600
"	375	3.	1125
"	400	4.	1600
"	425	4.	1700
"	450	4.	1800

Orange, N.J. November 1914

## General Expense

30

946

734381

## Sundries

To charge General Expense with this amount.  
This is chargeable for the month of  
November 1914 as shown by the General

## Ledger

57-117	1123.47	Receipts for Water	797
58-133		Taxes Received	233
58-130	11.48	Unexpended Ins. Prem	243
58-130	52.65		
57-117			

375.00  
78121  
18760

Orange, N.J., December 1914

51 Account Receivable 31 947  
Account Receivable 51

To transfer the following accounts  
 1 Pat's Acct Rec. 27 Pat's Acct Receivable 1  
 123 Harmon Gray Stl 06 Surplus 3  
 123 Harmon Tailoring Co 21 3

51 Account Receivable 948  
Account Receivable 51

To transfer the following accounts from  
 Surplus back to the original account  
 1 Pat's Acct Receivable 219 Pat's Acct Receivable 1  
 109 Trine Union 45 Surplus 3  
 113 Oliver Williams 32 3  
 5 Surplus A/c 175 City of New York 5

51 Account Receivable 949  
Account Receivable 51

To surplus the above amount  
 1 Pat's Acct Receivable 21 Pat's Acct Receivable 1  
 3 Surplus 221 Board of Civil Comm 123

51 Account Receivable 950  
Account Receivable 51

To transfer the above amount on account  
 of error in abstracting our bill #43741 dated  
 Nov. 20<sup>th</sup> 1914

57 Shirgraph Corp of Manhattan 8846  
 1146 Shirgraph Corp of the Oranges 51

51 Account Payable 951  
Account Receivable 51

To transfer the above amount to the Pat's  
 Account Receivable Ledger  
 5 Iron Mfg & Mtlly Co 262.17 Pat's Acct Receivable 1  
 262.17 Iron Mfg & Mtlly Co 1

51 Account Payable 952  
Account Receivable 51

To transfer the above amount due J. A. Edison Inc  
 6 Newark Electrical Supply Co 150.81

Orange, N.J., December 1914

51 Account Receivable 31 953  
Account Receivable 51

To transfer the above amount to correct  
 error in posting  
 1 Pat's Acct Receivable 350.1 Pat's Acct Receivable 1  
 103 Robert Ross Jones 350.1 State of Pennsylvania 114

51 Account Payable 954  
Account Payable 51

To transfer the following accounts  
 from the A. Edison Inc Ledger  
 19 J. A. Edison Inc 7175 Harmon Baker Co 5  
 10 Fred, Inc 325.54 J. A. Edison Inc 19  
 21 Epstein & Whiffen Co 31.16 " " 19  
 12 James Van Allen 122.61 " " 19  
 30 A. E. Schiller 42.41 " " 19  
 11 F. W. Fisher 49.5 " " 19

✓ Surplus 955  
Account Payable 51

To transfer the above amount to the  
 General Ledger  
 321 J. A. Edison Inc 2,146.98 19  
 113 Edison Storage Battery Co 1,319.79 3  
 " " " " 82.65 21

51 Account Payable 956  
Account Receivable 51

To transfer the above amount  
 1 J. A. Edison Inc 181.67 3  
 107 Mrs J. A. Edison 4.65 8  
 5 Edison Chemical Works 22 5

157 Sales 957  
Account Payable 51

To correct distribution of serial account  
 for the month of December 1914. Through  
 error this was all credited to serial  
 instead of five serials  
 113 Serial 5229.22 Five Serials



Orange, N. J., December 1914

138 Manufacturing	31	965
Manufacturing	138	18727.38
To credit Packing Tarping with an amount to cover packing of Machine delivered during month of December 1914		
8 Phonographs	18704.61	
167 Dicto-Mech. Machine	22.77	
Packing Tarping 18727.38	212	
Rem Phonographs	6 @ 36.	216.
Fireside	6 @ 35.	210.
Standard	1 @ 45.	45.
"	1 @ 45.	45.
"	1 @ 40.	40.
"	1 @ 60.	60.
Home	4 @ 50.	200.
School	1 @ 135.	135.
Concert	1 @ 80.	80.
Vice	59 @ 80.	4720.
Triumph	1 @ 80.	80.
Antelope	5 @ 45.	225.
"	3 @ 38.	114.
"	4 @ 38.	152.
"	5 @ 193.	965.
"	8 @ 165.	1320.
"	3 @ 60.	180.
"	10 @ 73.	730.
Dictating Machine	144 @ 60.	8640.
Elm.	31 @ 85.	2635.
Home	7 @ 21.	147.
Dicto-Mech.	241 @ 89.	2149.
Wired	12 @ 89.	1068.
Dicto-Phonograph	122 @ 120.	14640.
"	80 @ 223.	17840.
"	150 @ 829.	124350.
"	700 @ 806.	564200.
"	750 @ 223.	167250.
"	275 @ 29.	8025.
"	290 @ 4.	1160.
"	300 @ 1.	300.
"	375 @ 2.	750.
"	400 @ 7.	2800.
"	425 @ 4.	1700.
"	450 @ 3.	1350.

Orange, N. J., January 1915

54 Accounts Receivable	20	966
Accounts Receivable	51	1303
To transfer the above amount		
1 Cash Accts Receivable 13.03		
8 Attorney's Account 12.00		
54 Accounts Receivable	967	7080
Accounts Receivable	51	7080
To transfer the following accounts		
1 Cash Accts Receivable 7080		
66 J. S. Spencer, More Co	50	
107 Taylor Bros, Wm. S. Co	2	
7 W. S. Stowell Co	8	
3 Suspense	7	
54 Accounts Receivable	968	1559
Accounts Receivable	51	1559
To transfer the following accounts		
1 Cash Accts Receivable 1559		
3 Suspense Acct.	111	
3 Atlantic Coast Bldg Corp	146	
3 Bellvue Hospital	103	
3 Johnson Bldg Co	50	
3 W. S. Stowell Co	50	
3 John P. Lyons	50	
3 W. C. Powell Co	51	
3 W. S. Stowell Co	50	
110 General Expense	969	2707.19
General Expense	51	
To charge General Expense with this amount. This is chargeable for the month of January 1915 as shown by the General Ledger.		
57-177	Reserve for Water	247
58-133	Taxes & Licenses	323
58-130	Municipal & State Chem	363
68-130		11.48
57-174		65.98

Orange, N.J. January 1915

30 Insurance Reserve Fund	30	970	127.24	127.24
General Charge	15			
To charge Insurance Reserve Fund with this amount which represents money paid out of Insurance Reserve Cash (Fidelity Trust Co.) as per the following:				
Jan 4	7.50	7.50	6.88	4.63
11	7.50	7.50	6.88	4.63
18	7.50	7.50	6.88	4.63
25	7.50	7.50	6.88	4.63
	<u>31.70</u>	<u>31.70</u>	<u>27.52</u>	<u>18.52</u>

110 General Expense 971

Manufacturing 138

To transfer the amount originally charged to Sundry Shop Orders up to their respective accounts as of December 31st 1914 for S.O. Nos. 9503, 9505, 9509, 9510, 9511, 9512, 9513, 9514, 9515, 9516, 9517, 9518, 9519, 9520, 9521, 9522, 9523, 9524, 9525, 9526, 9527, 9528, 9529, 9530, 9531, 9532, 9533, 9534, 9535, 9536, 9537, 9538, 9539, 9540, 9541, 9542, 9543, 9544, 9545, 9546, 9547, 9548, 9549, 9550, 9551, 9552, 9553, 9554, 9555, 9556, 9557, 9558, 9559, 9560, 9561, 9562, 9563, 9564, 9565, 9566, 9567, 9568, 9569, 9570, 9571, 9572, 9573, 9574, 9575, 9576, 9577, 9578, 9579, 9580, 9581, 9582, 9583, 9584, 9585, 9586, 9587, 9588, 9589, 9590, 9591, 9592, 9593, 9594, 9595, 9596, 9597, 9598, 9599, 9600, 9601, 9602, 9603, 9604, 9605, 9606, 9607, 9608, 9609, 9610, 9611, 9612, 9613, 9614, 9615, 9616, 9617, 9618, 9619, 9620, 9621, 9622, 9623, 9624, 9625, 9626, 9627, 9628, 9629, 9630, 9631, 9632, 9633, 9634, 9635, 9636, 9637, 9638, 9639, 9640, 9641, 9642, 9643, 9644, 9645, 9646, 9647, 9648, 9649, 9650, 9651, 9652, 9653, 9654, 9655, 9656, 9657, 9658, 9659, 9660, 9661, 9662, 9663, 9664, 9665, 9666, 9667, 9668, 9669, 9670, 9671, 9672, 9673, 9674, 9675, 9676, 9677, 9678, 9679, 9680, 9681, 9682, 9683, 9684, 9685, 9686, 9687, 9688, 9689, 9690, 9691, 9692, 9693, 9694, 9695, 9696, 9697, 9698, 9699, 9700, 9701, 9702, 9703, 9704, 9705, 9706, 9707, 9708, 9709, 9710, 9711, 9712, 9713, 9714, 9715, 9716, 9717, 9718, 9719, 9720, 9721, 9722, 9723, 9724, 9725, 9726, 9727, 9728, 9729, 9730, 9731, 9732, 9733, 9734, 9735, 9736, 9737, 9738, 9739, 9740, 9741, 9742, 9743, 9744, 9745, 9746, 9747, 9748, 9749, 9750, 9751, 9752, 9753, 9754, 9755, 9756, 9757, 9758, 9759, 9760, 9761, 9762, 9763, 9764, 9765, 9766, 9767, 9768, 9769, 9770, 9771, 9772, 9773, 9774, 9775, 9776, 9777, 9778, 9779, 9780, 9781, 9782, 9783, 9784, 9785, 9786, 9787, 9788, 9789, 9790, 9791, 9792, 9793, 9794, 9795, 9796, 9797, 9798, 9799, 9800, 9801, 9802, 9803, 9804, 9805, 9806, 9807, 9808, 9809, 9810, 9811, 9812, 9813, 9814, 9815, 9816, 9817, 9818, 9819, 9820, 9821, 9822, 9823, 9824, 9825, 9826, 9827, 9828, 9829, 9830, 9831, 9832, 9833, 9834, 9835, 9836, 9837, 9838, 9839, 9840, 9841, 9842, 9843, 9844, 9845, 9846, 9847, 9848, 9849, 9850, 9851, 9852, 9853, 9854, 9855, 9856, 9857, 9858, 9859, 9860, 9861, 9862, 9863, 9864, 9865, 9866, 9867, 9868, 9869, 9870, 9871, 9872, 9873, 9874, 9875, 9876, 9877, 9878, 9879, 9880, 9881, 9882, 9883, 9884, 9885, 9886, 9887, 9888, 9889, 9890, 9891, 9892, 9893, 9894, 9895, 9896, 9897, 9898, 9899, 9900, 9901, 9902, 9903, 9904, 9905, 9906, 9907, 9908, 9909, 9910, 9911, 9912, 9913, 9914, 9915, 9916, 9917, 9918, 9919, 9920, 9921, 9922, 9923, 9924, 9925, 9926, 9927, 9928, 9929, 9930, 9931, 9932, 9933, 9934, 9935, 9936, 9937, 9938, 9939, 9940, 9941, 9942, 9943, 9944, 9945, 9946, 9947, 9948, 9949, 9950, 9951, 9952, 9953, 9954, 9955, 9956, 9957, 9958, 9959, 9960, 9961, 9962, 9963, 9964, 9965, 9966, 9967, 9968, 9969, 9970, 9971, 9972, 9973, 9974, 9975, 9976, 9977, 9978, 9979, 9980, 9981, 9982, 9983, 9984, 9985, 9986, 9987, 9988, 9989, 9990, 9991, 9992, 9993, 9994, 9995, 9996, 9997, 9998, 9999, 10000

Sundry Shop Orders 33.56 731

85 Account Payable 972

Accounts Receivable 514

To transfer the above amount

11 Mrs. J. A. Edison 29.70 8

12 J. A. Edison Feb 712.70 3

13 C. H. Wilson 5.20 6

85 Account Payable 973

Accounts Payable 85

To transfer the above amount from

14 J. A. Edison Inc. ledger 712.70 19

15 Hergos Art Studio Co 712.70 19

16 J. A. Edison Inc 712.70 19

✓ Sundries 974

Accounts Payable 85

To transfer the following account to

the General ledger

213 Edison Storage Battery Co 3084.00 3

214 Edison Storage Battery Co 105.94 28

215 J. A. Edison Inc 712.70 19

Orange, N.J. January 1915

16 Sales 20 975

Accounts Payable 603.63

To correct the distribution of the following bills in the Works Abstract of Sales for January - 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439

Orange, N.J. January 1915

85 Account Payable 30 979 301890.55  
Real Estate Building 71 157122.61  
Machinery Tools 754 140930.72  
Furniture Fixtures 743 383770

To charge fire loss with this amount  
 which covers loss sustained in December

9-1914  
 15 Fire Loss 201890.55

26 Building Retain  
 1 13,202.38  
 7 13,204.67  
 8 1,081.32  
 10 8,417.02  
 11 42,131.58  
 12 4,716.58  
 13 12,731.33  
 15 12,731.34  
 16 764.12  
 17 1,372.32  
 18 24,704.88  
 19 12,463.80  
 21 4,079.01

Machinery & Tools  
 Misc. Machinery Tools 54,522.58  
 Machinery 79,270.03  
 Shipping & Hangers 71,324.87  
 Engineering Machinery Tools 51.83  
 Auto. Machinery Tools 4,952.93  
 Furniture & Fixtures  
 Miscellaneous 3,827.70

85 Account Payable 30 980 907493

Real Estate Building 71  
Machinery Tools 754  
 To charge fire loss with this amount which  
 is in addition to that charged on 12-9-14

15 Fire Loss 907493  
 Only 13 724.18  
 14 1619.75

Misc. Machinery  
 Misc. Machinery Tools 1591.15  
 Misc. Machinery Tools 6450.19  
 Misc. Machinery Tools 2209.6

Orange, N.J. January 1915

85 Account Payable 30 981 838375.00  
Manufacturing 138 838375.00  
 To charge fire loss with this amount which  
 represents loss on stock on Dec 9<sup>th</sup> 1914

15 Fire Loss 838375.00  
 Raw Material 132,632.74 1114  
 Wax 16,587.45  
 Photographs 398,472.81 8  
 Eng. Machinery 74,826.16 86  
 Auto. Machinery 27,186.84 187  
 Box Factory 18,000.00 166  
 Cabinets 186,704.24 206  
 Electrical Appliances 47,575.00 237

300 Fire Loss 1215872.53  
Account Payable 85 1215872.53

To transfer debit balance appearing in  
 Fire loss account on the Account  
 Payable ledger to the General ledger  
 as of January 30, 1915

Fire Loss 1215,872.53 15

138 Manufacturing 983 19692.99  
Manufacturing 138 19692.99

To correct overcharge to Packing Machinery  
 account and to make Box Factory account  
 agree with inventory as of Dec 8<sup>th</sup> 1914 as  
 taken for fire insurance adjustment  
 purposes.

166 Box Factory 19,692.99 Packing Machinery 712

Orange, N.J. January 1915

138 Manufacturing	30	984	188497	188492
Manufacturing				
- credit packing of items with an amount				
to cover packing of machines delivered during				
month of January 1915				
8 Phonographs	1162.96			
14 Dictating Machines	2196			
Packing (Shipping) 188492, 7172				
Standard Phonographs	7 @ .60	4.20		
Ambula	1	4.56	4.56	
"	2	3.86	7.72	
"	5	1.20	18.00	
"	8	.60	4.80	
"	10	.50	2.50	
Dictating Machines	17	.60	11.40	
" Ship	6	.85	5.10	
Home " "	2	.21	.42	
Dictating Machine	210	.09	18.90	
Wijang "	31	.09	3.06	
Disc Phonographs 400	-	1.20	-	
"	80	3.08	36.60	
"	1.50	6	3.86	21.16
"	200	95	3.80	361.00
"	750	221	4.56	1007.76
"	775	2	4.30	8.60
"	240	2	4.30	8.60
"	300	1	4.56	4.56
"	375	1	4.36	4.36
"	400	-	4.30	-
"	425	2	4.35	8.72
"	450	3	4.30	12.90

Orange, N.J. February 1915

28  
 9848 161.09948  
 300 Insurance Reserve Fund 900 161.09948

Reverses Insurance Reserve Fund 1008  
 as same included losses for which  
 we are covered by outside insurance  
 less amount received from insurance  
 company to date 1/15 3000.00

25  
 9848 161.09948  
 300 Insurance Reserve Fund 250 161.09948

To transfer the above amount  
 this entry is made necessary by  
 Journal Entry 9848

Orange, N.J. February 1915

27  
 985 127.74 127.74  
 350 Insurance Reserve Fund 15

Referred Charge  
 To Charge Insurance Reserve Fund with  
 this amount which represents money  
 paid out of Insurance Reserve Cash  
 Fidelity Trust Co. as per the following  
 of J. Sloan, Oliver Dabell for Right End Sept.

261	6.88	7.50	7.50	9.63
8	6.88	7.50	7.50	9.63
15	6.88	7.50	7.50	9.63
73	6.88	7.50	7.50	9.63
	27.52	30.00	31.70	38.52

250 Insurance Reserve Fund 986 963. 963.  
 Referred Charge 15

To Charge Insurance Reserve Fund with  
 this amount which represents money  
 paid out of Insurance Reserve Cash  
 in the following during November  
 1914. This item was omitted from 9844  
 Nov 20 Earl Taylor 7.63

54 Accounts Receivable 987 282.47 282.47  
 Accounts Payable 85

To cancel December 1914 journal entry  
 9851. see Feb'y 1915 985 for correct  
 amount

1 Bate's Acct. Receivable 787.17 from Wm. H. Bate & Co.  
 1 from Wm. H. Bate & Co. 282.47

85 Accounts Payable 988 299.36 299.36  
 Accounts Receivable 51

To transfer the above amount to the Bate's  
 Acct. Receivable ledger.  
 2 from Wm. H. Bate & Co. 299.36 Bate's Acct. Receivable 1  
 299.36 from Wm. H. Bate & Co. 1

85 Accounts Payable 989 68.23 68.23  
 Accounts Receivable 51

To transfer the above amount to the Bate's  
 Acct. as per instructions of J. A. Bate 1/15.  
 1 from A. Bate 68.23 A. Bate 51



Orange, N.J., February 1915

✓ Sundries 27 990  
Accounts Payable 85

To cancel our note for 2000.00 dated 10/30/14 due 7/11/15 in favor of Abraham Levine. See new note same amount dated 7/11/15 due 11/11/15. Also to credit Levine with interest on above note.

2000.00 for 114 days @ 6% = 57.12

110 General Expense (Rent + Divid)

30 Notes Payable

Accts Payable ledger

Credit:

Abraham Levine 3057.00 149

51 Accts Receivable 991

To transfer the following accounts

1 <u>Pat's Accts Receivable</u> 7999	Pat's Accts Receivable	1
111 <u>Rich Co of Lafo</u> 226	Rich Co of Lafo	61
8 <u>Attorneys Acct</u> 1067	Hudson Valley Lf Co	60
111 <u>Omron Salt &amp; Soda Co</u> 2018	Attorneys Acct	8
3 <u>Suspense</u> 2018	Omron Salt & Soda Co	111
8 <u>Levo S. Cotton Co</u> 146	Suspense Acct	3
7 <u>Wellington Sawwood</u> 93		3
110 <u>Philip Henry Co</u> 188		3
117 <u>Meyer Bros Dry Goods</u> 170		3
138 <u>John W. Stewart</u> 13		3

45 Accounts Payable 992Accounts Receivable 51

To transfer the following account

1 Thos. A. Edison, Inc 590.23 3✓ Sundries 993Accounts Receivable 51

To transfer the following accounts.

313 Edison Storage Battery Co	7000.51	1
301 Thos A Edison, Inc	9702.02	7

3057.00

57.00

3000.00

7999

7999

590.23

590.23

11724.53

11724.53

Orange, N.J., February 1915

✓ Manufacturing 27 994

To transfer value of Raw Material representing stock on hand at Ellis Plant when same was discontinued, that was delivered to Edison Photo Works at Orange, N.J.

114 Raw Material 86638.79

Ellis Materials 86638.79

✓ Sundries 995

To transfer value of tools the representing stock on hand at Ellis Plant when same was discontinued, that was delivered to Edison Photo Works at Orange, N.J.

701 Machinery + Tools 149.72

110 General Expense 139.62

Ellis Materials 1893.17 79

51 Accounts Receivable 996

To transfer the following account:

1 <u>Pat's Accts Receivable</u> 694	Pat's Accts Receivable	1
3 <u>Suspense</u> 12	Jayland Office Supply Co	107
3 <u>Suspense</u> 32	Collected Co	50
3 <u>Suspense</u> 192	Attorneys of	8
3 <u>Suspense</u> 192	New York City Hwy	55
3 <u>Suspense</u> 266	Marble Co	50

219 Profit Loss 997

To write off debit balance appearing in Pat's Suspense account for the fiscal year ending February 28, 1915

1 <u>Pat's Accts Receivable</u> 69.27	1
3 <u>Suspense</u> 69.27	3

86 Accounts Payable 998

To transfer the above amount to the Thos A Edison Inc ledger

60 Miss M. Carey 100 Thos A Edison Inc 19

86638

86638

1893.1

1893.1

694

694

69.27

69.27

100

100

Orange, N.J. February 1915

99	Accounts Payable	999	15.00	15.00
	Account Payable	95		
	To suspense the above amount on full indication of Mr. H. Phillips attached to file. Suspense of 15th District - Stanley Co			
100	Accounts Payable	1000	7367.33.5	7367.33.5
	Account Payable	95		
	To transfer the above amount representing the accounts payable balance, standing in the office of the Edison Co. at March 1st 1915 to the Edison Co.			
	Edison Co. at March 1st 1915	7367.33.5		
101	Accounts Payable	1001	122469.19	122469.19
	Suspense	✓		
	To transfer the above amount to the General Ledger.			
	Edison Storage Battery Co, 111.44.99	313		
	Edison Co. at March 1st 1915	110.44.20.314		
102	Bank Interest	1002	3900.00	3900.00
	Unpaid Bank Interest	✓		
	To amount of Bank Interest due this day on Coupon No 25			
103	General Expense	1003	732.52	732.52
	Suspense	✓		
	To charge General Expense with this amount which is chargeable for the month of February 1915 as shown by the General Ledger			
	57-114.1	Reserve for Water	797	735.00
	58-133.1	Tax on Advertisements	333	86.103
	58-130.1	Unexpended Insurance Premium	313	149.649
	64-130.1			
	57-114.1			

Orange, N.J. February 1915

138	Manufacturing	1001	7862.93	7862.93
	Manufacturing	138		
	To credit packing boxes with an amount to cover packing of machine delivered during month of February 1915			
	Antenna Phonograph #1	17	@ 4.50	91.75
	"	3	@ 3.80	11.58
	"	5	@ 3.50	17.50
	"	8	@ 3.00	24.00
	"	10	@ 2.50	25.00
	"	30	@ 1.00	30.00
	Dictating Machines	717	@ 1.00	151.70
	Shirley	17	@ 8.50	144.50
	Home	6	@ 2.10	12.60
	Boston Hunt.	149	@ .09	13.41
	Weiland	26	@ .09	2.34
	Dict. Phonograph also	3	@ 1.50	4.50
	"	1433	@ 1.50	2149.50
	"	140	@ 3.80	532.00
	"	700	@ 3.80	2666.00
	"	750	@ 4.50	3375.00
	"	710	@ 1.00	710.00
	"	300	@ 1.00	300.00
	"	475	@ 2.00	950.00
	"	450	@ 1.00	450.00
	Phonographs	7846.78		
137	Auto. Wind Machine	16.65		
	Packing	7862.93		
1005	Accounts Payable	15		
	Account Payable	15		
	To suspense the above amount on full authority attached to file.			
	A. Bonanno	738		
	Suspense of			
1006	Profit Loss	1006	587	587
	Account Payable	15		
	To transfer the above amount to Profit Loss			
	Suspense of			

Orange, N.J. February 1915

300 Fire Loss 27 58878.85 58878.85  
 Account Payable 85  
 To transfer the above amount to the  
 General Ledger 27  
 Fire Loss 58878.85 15

213 Furniture & Fixtures 27 1008 9137.19 9137.19  
 Manufacturing 138

To transfer cost of labor & material from  
 Sunday Shop Order account charged on  
 shop order # 5017 covering necessary labor  
 and material to replace all bottles, sacks  
 and what ever other material that is  
 classed as furniture & fixtures, that were  
 damaged or destroyed by fire, in acc.  
 Edison Photo. Works Acct. Insl. of W.L. Becht

Sunday Shop Order.  
 9137.19 234

110 General Expense # 303. 27 1008 3596 3596  
 Manufacturing 138  
 To transfer from Sunday Shop Order account  
 cost of labor & material to equip building # 4  
 at Silver Lake, for finishing cabinets.  
 This includes putting up benches, racks etc.,  
 as charged on shop order # 5070.  
 Instructions of W.L. Becht  
 Sunday Shop Order. \$ 35.96 234

110 General Expense # 407-37 27 1019 2978.20 2978.20  
 Manufacturing 138  
 To transfer from Sunday Shop Order account  
 cost of labor & material covering expense of  
 making necessary drawings required by  
 the Edison Photo. Works Acct., as charged  
 on shop order # 5015. Insl. of W.L. Becht  
 Sunday Shop Order \$ 2978.20 234

Orange, N.J. February 1915.

110 General Expense # 150-3 27 1011 8821 8821  
 Manufacturing 138  
 To transfer from Sunday Shop Order account  
 cost of labor & material to put additional  
 coils in buildings # 2 & 4 at Silver Lake,  
 as charged on shop order # 5711-  
 Instructions of W.L. Becht.  
 Sunday Shop Order. \$ 88.21 234

254 Machinery & Tools 27 1012 77177.39 77177.39  
 Manufacturing 138  
 To transfer cost of labor & material charged  
 on shop order # 5012 covering repairs  
 and over hauling of all machinery & tools  
 recovered from fire in acc. Edison Photo.  
 Works Acct. Insl. of W.L. Becht  
 Sunday Shop Order. \$ 77177.39 234

300 Fire Loss 27 1013 12376 12376  
 Manufacturing 138  
 To transfer from Sunday Shop Order acct.  
 cost of labor & material to dismantle  
 Bates numbering Machines salvaged  
 from fire, as charged on shop order # 10610  
 Instructions of W.L. Becht  
 Sunday Shop Order. \$ 123.76 234

300 Fire Loss 27 1014 9341 9341  
 Manufacturing 138  
 To transfer from Sunday Shop Order acct.  
 cost of labor & material covering expense of  
 re-finishing 1915 P.K. parts, recovered  
 from fire, as charged on shop order # 13619  
 Instructions of W.L. Becht  
 Sunday Shop Order. \$ 93.41 234

Orange, N.J. February 1915

300 Fire Loss 27 1015 534.81 534.81

Manufacturing 138

To transfer from Sunday Shop Order Acct.  
Cost of Labor materials involved in wiring,  
incidental to the installation in the  
Edison Phone Works Dept. in the  
Edison Storage Battery building, as charged  
on shop order & shop instr. of W.L. Eckert.  
Sunday Shop Order \$534.81 27 234

1 Landline 27 1016 22020.60 22020.60

Manufacturing 138

To transfer from Sunday Shop Order Acct.  
Cost of labor & material necessary to  
cover purchase of, and also temporary  
installation of new machinery for all  
Edison Phone Works Dept. as charged  
on shop order & shop instr. of W.L. Eckert.  
300 Fire Loss 192.35  
254 Mach & Tools 20088.25  
Sunday Shop Order \$22,020.60 234

137 Manufacturing 27 1017 1797.2 1797.2

Fire Loss 300

To transfer from fire loss account,  
Cost of necessary material purchased  
for use in connection with general  
cleaning up through out plant on  
account of fire, that was, due to  
misunderstanding charged against  
fire loss on shop order # 8609  
Instructions of W.L. Eckert.

114 Raw Material \$1797.2

Orange, N.J. February 1915

254 Machinery & Tools 27 1018 40426 40426

Fire Loss 300

To transfer from fire loss account,  
Cost of necessary machinery & tools  
purchased for use in general cleaning  
up through out the plant due to fire,  
that was on account of misunderstanding  
charged on shop order # 5009 to fire loss.  
Instructions of W.L. Eckert.

110 General Expense 1019 160.40 160.00

General Expense 38

To charge General Expense with the  
amount which represents expense of hiring  
certain machine occasioned by the fire

51 Account Receivable 1020 173789.78 173789.78

Thomas A. Edison Inc.

To transfer the above amount to the  
General Ledger  
Thomas A. Edison Inc. 173,789.78

80 Profit Loss 1021 1028.50 1028.50

Manufacturing 138

To charge Profit Loss with amount of  
Royalty paid on Automatic Numbering  
Machine during year ending Feb 17-1915.  
Automatic Numbering Machine 1028.50 77

138 Manufacturing 1022 7542.26 7542.26

General Expense 110

To charge Box Factory with Expense  
directly chargeable to the department amounting  
to 2321.00 and also with a proportion of the  
Expense of the non-productive department  
based on the productive labor performed by  
the department amounting to \$10.50  
Box Factory 7542.26

Orange, N.J., February 1915

158 Manufacturing 1022 543833 543833

To charge debit balance appearing in account of Box Factory to Packing Wages account, as the box factory was a total loss this difference must be caused by the transfer prices being figured to low during the year.

117 Packing Wages 543833 Box Factory 166

158 Manufacturing 1022 492653 492653

To charge Photograph account with debit balance appearing in Nickel Plating account at the end of February 1915

8 Photographs 492653 Nickel Plating 157

158 Manufacturing 1022 2334338 2334338

To charge Photograph account with debit balance appearing in the following account at the end of February 1915

8 Photographs 7430.30 Packing Wages 117 5913.08 Japanning 115

158 Manufacturing 1022 110 708731.76 708731.76

To credit General Expense with the amount which represents expense chargeable to material which was destroyed in the fire December 9th 1915.

115 Wax 48.09  
8 Photographs 115.53-16.84  
86 Box. Machine 71.69-6.80  
187 Auto. Machine 7.88-2.17  
37 Electrical Appliances 11.51-2.24  
106 Cabinet 63.60-2.67

Orange, N.J., February 1915

61 Thomas A. Edison Inc. 1022 1297762 1297762

To transfer the above amount to Profit Loss

65 Unclaimed Wages 1028 32814 32814

To transfer credit balance appearing in the account of Unclaimed Wages at the end of February 1915 to Profit Loss

780 Profit Loss 1029 8100.00 8100.00

To write off Bond Interest for year ending February 27th 1915

10 General Expense 1030 32746 32746

To correct journal entry "last Encl. Appliances was charged with \$195.00. General Expense when it should have been \$137.75

Encl. Appliances 33746 54

10 General Expense 1031 1101044 1101044

To charge General Expense with above amount being difference in Coal account as shown by inventory 2/28/15 therefore the above amount represents amount not transferred during year

Coal 1101044 286

138 Manufacturing 1032 102842 102842

To transfer Auto. Machine purchased to Auto. Mach. Ac. as of Feb 28th 1915

Auto. Mach. 102842  
Auto. Mach. Recd. 102842 23

Orange, N.J. February 1915

189 Manufacturing	27	1033	221248	
Inventory of Goods	Manufacturing	138	221248	
not recorded when making				
and journal entry #1025				
190 Bookkeeping	27	1034	221248	8
198 Manufacturing	27	1034	57912892	
To transfer value of purchased	Manufacturing	138	57912892	
Cabinet used during year to				
Cabinet 46				
199 Cabinet	27	1035	57912892	15
198 Manufacturing	27	1035	4032680	
To adjust difference between	Manufacturing	138	4032680	
Material account and inventory				
February 28 <sup>th</sup> 1914				
196 Raw Material	27	1036	1147144	8
196 Manufacturing	27	1036	1147144	
To transfer expense divided by	General Expense	110	1147144	
shareable to 200 Machine				
197 Auto Mount Machine	27	1037	1246908	
196 Sales	27	1037	1246908	
To transfer amount of scrap	Sales	109	1246908	
sold during year ending				
July 28 <sup>th</sup> 1914				
199 Scrap	27	1038	1246908	4
198 Manufacturing	27	1038	503473	
To charge for amount with amount	General Expense	110	503473	
of General Expense chargeable to				
material destroyed in fire				
see # 1914				
195 Tax	27	1039	503473	

Orange, N.J. February 1915

200 Fire Loss	27	1039	1736570	
To credit Tax account with	Manufacturing	138	1736570	
value of material destroyed				
in fire as per inventory attached				
Tax	27	1040	6111838	
198 Manufacturing	27	1040	6111838	
To charge Cabinet account with	General Expense	110	6111838	
above amount which represents				
difference between amount of				
expense that should be charged				
to Cabinet on account of fire &				
amount which was charged, as				
per G.E. #1026. For details see				
papers attached to G.E. #1041				
199 Cabinet	27	1041	26744122	
300 Fire Loss	27	1041	26744122	
To charge Fire Loss with above	Manufacturing	138	26744122	
amount which represents				
difference between amount				
which should be charged &				
which was charged on G.E.				
#1031. For details see papers				
attached				
Cabinet	27	1042	6791674	
198 Manufacturing	27	1042	6791674	
To transfer amount of inventory	Manufacturing	138	6791674	
of purchased Cabinet as				
of July 28 <sup>th</sup> 1914				
206 Cabinet	27	1042	6791674	15
304 Bureau from Sales	27	1042	4500000	
Profit 1 Loss	27	1042	4500000	
To transfer above amount as funds making up				
this issue were used in the regular course of				
business				

Orange, N.J. February 1915

1043

To credit Thos. D. Edison Inc. to  
make balance, have 7, cabinet  
accounts equal 15% profit 7,  
Electrical Appliances account equal  
10% profit on labor & material  
plus General Expense

	1914	1915	1916	1917
House	1,224,711.03	2,049,657.79	979,705.44	146,764.81
Wash	76,126.76	—	76,126.56	11,226.11
Auto	500,255.71	8,746.84	491,931.90	72,689.68
Elect	10,281.60	3,941.76	6,445.04	6,445.04

232,716.42

House profit as shown by books	226,928.21
House loss	2,1326.56
Auto profit	72,807.96
Elect profit	1,731.36
1914	297,374.95
1915	265,144.50
1916	244,490.55
1917	134,115.57

1/ Phonographs	79,971.50
13 Wash	19,117.43
103 Cabinets	4,400.47
104 Elect. Appliances	1,882.36

1044

To distribute General Expense pro rata over  
the following accounts. This is an ad-  
justment to amount pro rata as per 1043  
1026-1038-1039. 1039 which covered expense  
chargeable to material destroyed  
in the fire

8 Phonograph	262,152.68
13 Wash	18,417.31
80 Proj. Kineto	6,556.51
101 Misc Orders	45,118.06
102 Auto Mount Mchs	3,112.33
103 Cabinet	40,589.76
104 Elect. Appliances	11,815.57
	366,022.10

6,445.04

13,244,557

6,445.04

13,244,557

Orange, N.J. February, 1915

1045

To transfer cost of goods sold  
during year ending Feb 28<sup>th</sup> 1915  
as shown by inventory

1/ Phonographs	979,705.44
13 Wash	76,126.56
103 Proj. Kineto	38,499.71
101 Misc Orders	141,166.76
102 Auto Mount Mchs	36,688.69
103 Cabinet	842,987.04
104 Elect. Appliances	6,445.04
105 Material Sales	35,795.92
	2,162,418.52

1046

Profit & Loss realized during  
year ending Feb 28<sup>th</sup> 1915

1/ Phonographs	146,961.81
13 Wash	316.25
103 Proj. Kineto	7,353.13
101 Misc Orders	23,912.59
102 Auto Mount Mchs	18,320.51
103 Cabinet	7,368.63
104 Elect. Appliances	6,445.56
105 Material Sales	2,213.63
	270,824.51

1047

To depreciate Automobile  
account 33 1/3 % as of Feb  
28<sup>th</sup> 1915 Total 2088

1048

To credit off balance of Loss  
account as of Feb 28<sup>th</sup> 1915

2,162,418.52

2,160,418.52

270,824.51

270,824.51

829.25

829.25

1,661,608.65

1,661,608.65





Orange, Ky. March 1915

87 Accounts Payable <sup>31</sup> 1058 1192082  
Fire Loss 300 1192082

To transfer the above balance standing in Fire Loss Account at March 31st.  
 To the General Ledger.  
 Fire Loss 1192082

111 General Expenses <sup>31</sup> 1039 583575  
Manufacturing 139 583575

To transfer from Cost 46, the above amount representing cost of coal consumed during the month of March as follows:

\$532,000 46 = 1577.33 tons @ \$370 per ton  
 Actual report assumed to be expense 142  
 Coal consumed 583575 Coal Account 236

139 Manufacturing <sup>31</sup> 1039 6791674  
Manufacturing 139 6791674

To charge Purchased Cabinet account with amount of furniture on Mar 1/15 and which was transferred to Cabinet Account on Feb 28, 1915  
 55 Purchased Cabinet 6791674 Cabinet 206

147 Reserve for Water <sup>31</sup> 1061 2338  
General Expense 111 2338

To transfer above amount representing balance in account of Reserve for Water at Mar 31, 1915 to General Expense.  
 At the City of Orange since this after transfer had for water monthly, the account of Reserve for Water was unnecessary.

111 General Expense <sup>31</sup> 1032 148619  
Landris 148619

To charge General Expense with above amount chargeable to month of Mar. 1915 and transfer same from Taxes Account and Unexpired Insurance Premiums as follows:  
 Taxes Account \$853.62 @ 57.133 333  
 Unexpired Ins. Premiums 632.57 3491

Orange, Ky. March 1915

87 Accounts Payable <sup>31</sup> 1033 2037215  
Fire Loss 300 2037215

To transfer the above amount to the General Ledger. This represents the total of charges to Fire Loss 46 in the Abstract of Sales during the month of March 1915  
 Fire Loss 2037215

38 Insurance Premiums <sup>31</sup> 1064 13016  
Expensed Charges 15 13016

To charge Insurance Premiums with above amount, which represents money paid out of Insurance Premium Cash (Fidelity Ins. Co.) as per the following:

46. Ins. Premiums	Ins. Co.	Ins. Co.	Ins. Co.
Mar 1	7.50	6.88	7.50
8	7.50	6.88	7.50
15	7.50	6.88	7.50
22	7.50	6.88	7.50
29	7.50	6.88	7.50
	<u>29.00</u>	<u>34.00</u>	<u>39.00</u>

111 General Expense <sup>31</sup> 1065 8000  
Reserve for Water 38 8000

To transfer the above amount to General Expense. This represents cost of Machine rental from Mount Vernon Hand Mfg. Co. occasioned by the fire.

360 Government Income Tax <sup>31</sup> 1066 17099  
Accounts Payable 86 17099

To transfer the above amount to the General Ledger 46 1/2 Government Income Tax. This represents the balance standing in the General Ledger 46 at March 1915.  
 Government Income Tax 17099



Orange, N.J. April 1915.

17 Accounts Payable	30	1073	515.52	515.52
Accounts Receivable	54			
To transfer the following accounts:				
J. Thomas & Co. General Ed.	500.96	3		
Wm. H. G. Edison	10.03	8		
C. B. Williams	.53	6		
✓ Sundries	30	1074	10905.69	10905.69
To transfer the following accounts				
to the General Ed. ac.				
Wm. H. G. Edison, the Gen. Ed.	937.05	7		
Wm. Edison Savings Banking Co.	1058.64			
55 Accounts Receivable	30	1075	249192.42	249192.42
Accounts Receivable	55			
To transfer the following accounts from				
the various divisions of Thomas Edison				
Co. to the General Division of Thomas				
Edison, Inc.				
(Wm. Edison, Inc.)				
Wm. Edison, Inc.				
General Div. Aug. 1912				
720 R. Co. Packing Division	10			
27,381.03 Amuse. Shows	11			
327.58 Motion Pictures	12			
24,969.88 Advertising Piche	13			
1043 Land & Build.	14			
653 Advertising	15			
3007.90 Record Mfg.	16			
17 Accounts Payable	30	1076	3536	3536
Thomas Edison, Inc.	325			
To transfer the above amount from Gen. Ed.				
Edison, Inc. General Div. to the General				
Ed. ac. This comes over as a balance				
made by Gen. Div. for the Edison, Inc.				
in the Gen. Div.				
J. H. G. Edison, Inc. Gen. Div.	3536			

Orange, N.J. April 1915.

55 Accounts Receivable	30	1077	295	295
Accounts Receivable	55			
To transfer the following accounts				
1. To the Edison Co. 775				
2. To the Edison Co. 91				
3. To the Edison Co. 2nd Edison Co.				
111 General Expense	30	1078	1523.12	1523.12
Sundries	✓			
To charge General Expense with above				
amount chargeable to month of April 1915				
and transfer same from Pass. Account				
and Unexpended Insurance Premiums as				
follows:				
Pass. Account	\$61.41	831		
Unexpended Insurance Premiums,	661.71	3431		
139 Manufacturing	30	1079	1124.89	1124.89
Manufacturing	139			
To transfer above amount from Packing				
to Sundry Shop Order # 500.				
This covers bill dated Mar. 26 1915 attached				
to Mar. Vol. # 505 and which due to				
mis-understanding were transferred by				
Mar. Journal Entry # 1067 from Box Factory				
to Packing & Poking, instead of as a/c.				
234 Sundry Shop Order	1124.89	Packing & Poking	212	
139 Manufacturing	30	1080	1142.96	1142.96
Manufacturing	139			
To correct distribution of bill dated April				
15 1915 amt. 552.74 detached to April Vol.				
# 255, also bill of April 19 1915 amt. 590.62				
attached to April Vol. # 142, and transfer				
these amounts from Box Factory to				
Sundry Shop Order # 500.				
230 Sundry Shop Order	\$1,142.74	Box Factory	166	

Orange, N. J. April 1915

139 Manufacturing	30	1081	70374	70374
Manufacturing	139			
To correct distribution of April 1915 vouchers \$241 and transfer above amount from Box Factory to Packing & Boring.				
28 Packing & Boring	\$703 74	Box Factory	166	
324 Thomas Edison Co	1042	Accounts Payable	26706	26706
To transfer the above amount to the General Ledger.				
26706	324 Edison Co. Factory			
III General Expenses	1083	572841	572841	
Manufacturing	139			
To transfer from Total % the above amount representing cost of coal consumed during the month of April as per report to engineer attached to General Entry				
2468,000 lbs. = 1548.27 Tons @ \$7.70 per Ton.				
		572841	Coal Account	236

Orange, N. J. April 1915

139 Manufacturing	30	1084	1297131	1297131
Manufacturing	139			
To credit Packing & Boring account with above amount covering packing & boring of machines delivered during month of April 1915 as per following list.				
9 Phonograph	12922.89			
180 Dict. Numb. Machs.	41.42			
	Li			
Packing & Boring	12971.31	212		
1. Amb. #1 - Phon. @ 1.56 ea.	4.56			
1. " 3- " " 3.16 "	3.86			
1. " 4- " " 3.16 "	3.86			
300- " 5- " " 1.20 "	360.00			
3205- " 30- " " .50 "	1602.50			
799- Disc 80- " " 1.20 "	958.80			
606- " 150- " " 3.16 "	2389.16			
835- " 200- " " 3.70 "	3173.00			
773- " 250- " " 4.56 "	3524.88			
2- " 290- " " 4.30 "	8.60			
2- " 425- " " 4.36 "	8.72			
1- " 450- " " 4.30 "	4.30			
7. Gen. Thous. exp. pty. haw. ver. @ .86 ea.	2.52			
1. Fireside " " exp. haw. "	.80			
2. Concord " " @ 1.20 ea.	3.80			
4. Triumph " exp. exp. haw. @ 1.50 ea.	6.20			
7. Fireside " exp. pty. haw. ver. "	.35	2.45		
4. Standard " " sta. haw. "	.83	3.40		
5- " " " exp. " "	.83	4.25		
1- Home " " " " "	.90	.95		
1- Alva " " " " "	1.55	1.55		
604- Dictating Machs. @	1.35	815.00		
68- Steel plaw " "	.77	53.04		
54- Open flame shav. machs. @	.57	27.94		
5- Telephones	1.75	8.75		
538 Dict. Numb. Machs.	.09	44.02		

Orange, N.J. - May 3rd 1915

55 Accounts Receivable	1047	80753.67	80753.67
Mrs. A. Edison, Inc. 324			
To transfer the above amount to the General Ledger.			
7 Mrs. A. Edison, Inc. General Div. 80753.67			
314 Edison General Ledger Co.	1046	1074.60	1074.60
Accounts Receivable 55			
To transfer the above amount to the General Ledger.			
Edison General Ledger Co. 1074.60			
55 Accounts Receivable	1047	26	26
Accounts Receivable 55			
To suspense the following amount			
100 Emil Schneider 26 51			
55 Accounts Receivable	1048	197	197
Accounts Receivable 55			
To transfer the following amount			
1 Mrs. A. Edison, Inc. 197 (Edison General Ledger)			
2 Suspense 11 Edison General Ledger			
3 American Steel & Wire Co. 186 American Steel & Wire Co.			
55 Accounts Receivable	1049	220132.70	220132.70
Accounts Receivable 55			
To transfer the following amounts from the various divisions of Mrs. A. Edison, Inc. to the General Division of Mrs. A. Edison, Inc.			
7 34 Edison, Inc. General Div. 220132.70			
6762 Edison General Ledger Division 10			
185,105.66 Edison, Inc. 11			
2,883.01 National Edison 12			
12,963.94 Edison General Ledger 13			
15.66 Edison General Ledger 14			
746 Edison General Ledger 15			
4,226.35 Edison General Ledger 16			
83.51 Edison General Ledger 17			
679.15 Edison General Ledger 18			

Orange, N.J. - May 3rd 1915

88 Accounts Payable	1049	110	110
Accounts Payable 87			
To transfer the above amount from the G. of Emil Schneider to the General Div. of Mrs. A. Edison, Inc.			
100 Emil Schneider 110			
88 Accounts Payable	1049	66	66
Accounts Payable 88			
To transfer the above amount of March transfer from the Edison Division to the Controlling Division of Mrs. A. Edison, Inc.			
100 Mrs. A. Edison, Inc. Controlling Division			
55 Accounts Receivable	1049	528.1	528.1
Accounts Payable 87			
To transfer the following amount			
100 P. O. Money 528.1			
86 Accounts Payable	1049	1023.85	1023.85
Accounts Payable 85			
To transfer the following amount			
1 Mrs. A. Edison, Inc. 954.25 3			
2 Edison General Ledger 49.89 5			
3 Mrs. A. Edison, Inc. 16.13 8			
4 C. H. Wilson 2.57 6			
87 Accounts Payable	1049	722.91	722.91
Accounts Payable 87			
To transfer the following amount, representing interest charges on loans standing on the G. of Mrs. A. Edison, Inc. at Apr. 1st and May 1st, respectively, from Mrs. A. Edison, Inc. Interest G. to Mrs. A. Edison, Inc. Controlling G.			
1 Mrs. A. Edison, Inc. 722.91			
Controlling Account Interest G.			

Orange H.J. May 31st 1915

88 Accounts Payable <sup>31</sup> 1095 722.91 722.91  
 To cancel Journal Entry 707 & 708 respectively and transfer the above amount from H.J. Adams, Inc. to H.J. Adams, Inc. - Insurance Co.  
 Adams, Inc. - Insurance Co. 722.91

Advertising 1098 4523570  
Accounts Payable 87 4523570  
 To transfer the balance standing in the H.J. of H.J. Adams, Inc. to General Ledger  
 General Ledger 4523570

301 Exp. Adams, Inc. - 1915.95  
 314 Advertising Charge - 4292.72

87 Accounts Payable 1097 415580 415580  
Accounts Payable 87  
 To transfer the above amount representing balance standing in the various divisions of H.J. Adams, Inc. to the Controlling or General Books Co.  
 H.J. Adams, Inc. General Books Co.

1272.53 Primary Battery Div.  
 41.50 Exp. Record Mfg.  
 744.50 Misc.  
 91.11 Auditing Mfg.  
 104.50 Motion Picture  
 171.6 butanner. Photo.  
 874.13 Advertising  
 874.13 Carbon Acid

300 Fire Loss 1098 761.55 761.55  
Accounts Payable 87  
 To transfer the balance standing in Fire Loss Co. at June 1st. to the General Ledger  
 761.55 Fire Loss

Orange H.J. May 31st 1915

304 Insurance Premiums <sup>31</sup> 1099 5572 5572  
Expenses 15  
 To charge the Insurance Premiums with above amount representing money paid out of Insurance Premiums book (including Losses) for the following  
 Oliver & Sons J. Rogers & Son

May 3	7.50	7.50	6.88
10	7.50	7.50	6.88
17	7.50	7.50	6.88
24	7.50	7.50	6.88
30.00	31.20	27.52	

111 General Expense - Sundries 1099 1605.22 1605.22  
 To charge General Expense with above amount chargeable to month of May 1915 and transfer same from these Acc'd and Unexp'd Insurance Premiums as follows:

Have Acc'd. 861.42 333  
 Unexp'd Insur. Premiums. 743.78 343



Orange, N.J. June 30th 1915

30	1107	1685.633	1685.633
<u>Accounts Payable</u>			
<u>Accounts Payable</u> 55			
To transfer the following amounts from the various divisions of Mrs. Edison, Inc. to the bookkeeping accounts of Mrs. Edison, Inc.:			
1	National Trust Co. 1685.63		
	287.10 Mrs. Edison, Inc. 10		
	151.52 168	Amuse Home	11
	1685.75	Bookkeeping	12
	10.50 7.03	Bookkeeping	13
	396.31	Bookkeeping	14
	154.31	Bookkeeping	15
	3,036.15	Bookkeeping	16
	106.55	Bookkeeping	17
	984.06	Bookkeeping	18
	44.7	Bookkeeping	19

31	1108	512.84	512.84
<u>Accounts Payable</u>			
<u>Accounts Payable</u> 55			
To transfer the following amounts to the General Ledger:			
1	3		
2	5		
3	8		
4	6		

32	1109	9555.13	9555.13
<u>Accounts Payable</u>			
<u>Accounts Payable</u> 55			
To transfer the following amounts to the General Ledger:			
1	314		
2	314		

33	1110	57610.97	57610.97
<u>Accounts Payable</u>			
<u>Accounts Payable</u> 55			
To transfer the balance standing in the following to the General Ledger:			
1	314		
2	314		

Orange, N.J. June 30th 1915

34	1111	1344.97	1344.97
<u>Accounts Payable</u>			
<u>Accounts Payable</u> 55			
To transfer the above amount, representing balance standing in the various divisions of Mrs. Edison, Inc. to the bookkeeping or General Ledger:			
1	314		
2	314		
3	314		
4	314		
5	314		
6	314		
7	314		
8	314		
9	314		
10	314		
11	314		
12	314		
13	314		
14	314		
15	314		
16	314		
17	314		
18	314		
19	314		
20	314		
21	314		
22	314		
23	314		
24	314		
25	314		
26	314		
27	314		
28	314		
29	314		
30	314		

300	1112	234.17	234.17
<u>Fire Loss</u>			
<u>Accounts Payable</u> 55			
To transfer the balance standing in the Fire Loss % at July 1st, 1915 to the General Ledger:			
1	314		

301	1113	150.16	150.16
<u>Insurance Reserve Fund</u>			
<u>Accounts Payable</u> 55			
To charge Insurance Reserve Fund with above amount, which represents money paid out of Insurance Reserve Cash (Fidelity Trust Co.) as per the following:			
	Chas. H. H. Co.	Edison	Edison
June 1st	7.50	6.88	7.80
7th	7.50	6.88	7.80
14th	7.50	6.88	7.80
21st	7.50	6.88	7.80
28th	7.50	6.88	7.80
	<u>37.50</u>	<u>34.40</u>	<u>39.00</u>
			11.11

61	1114	111	111
<u>Insurance Reserve Fund</u>			
<u>Accounts Payable</u> 55			
To transfer the balance standing in the Insurance Reserve Fund to the General Ledger:			
1	314		





Orange, N.J. July 31st 1915

3M. Pat. Mfg. Co.

1120

1192.119

1192.19

Account Receivable 55

To transfer amt for the Pat. Mfg. Co. in the General Ledger, to absorb the balance appearing at the end of each month in the same account, in the Account Receivable Ledger. Pat. Mfg. Co. 1192.19

66 Account Receivable

1121

1192.19

1192.19

Account Receivable 55

To transfer debit balance of July 31, 1915 from the Pat. Mfg. Co. Account, to the account of Pat. Mfg. Co. General.

This amount covers balance standing on the Pat. Mfg. Co. ledger, which has been turned over to the Pat. Mfg. Co. and is made up of Cash - \$589.80.

Indiv. Cash - \$589.39  
See Pat. Mfg. Co. General Ledger  
Pat. Mfg. Co. 1192.19 Pat. Mfg. Co. 1

3M. Pat. Mfg. Co.

1122

62.08

62.08

Account Receivable 55

To transfer the Pat. Mfg. Co. standing in the Pat. Mfg. Co. ledger, to Jan 31, 1915 to General Ledger. This amount was accepted on their statement of Feb 6, 1915.

Pat. Mfg. Co. 1192.19

90 Account Payable

1123

1163

1163

Pat. Mfg. Co. 3M

To transfer the Pat. Mfg. Co. standing in the Pat. Mfg. Co. ledger to General Ledger.

Pat. Mfg. Co. 1163

Orange, N.J. July 31st 1915

111 General Expense

31

1124

575.72

575.72

Manufacturing 139

To transfer from the Pat. Mfg. Co. amount representing cost of coal consumed during June 1915 as per statement of June 30, 1915. \$451.550.00 - 1555.00 = \$3.70 per ton. As per fuel report attached to June 30, 1915.

575.72 - Coal 736

35 General Expense

1125

58.72

58.72

General Expense 16

To charge Insurance Co. amount, which represents money paid out of Insurance Reserve Bank (St. Paul, Ind. Co.) as per the following:

	Pat. Mfg. Co.	Pat. Mfg. Co.
July 6th	6.88	7.80
12th	6.88	7.80
19th	6.88	7.80
26th	6.88	7.80
	27.52	31.20

55 Account Receivable

1126

1192.19

1192.19

Pat. Mfg. Co. 3M

To cancel Journal Entry 1120 as the transaction involved was handled direct through the Billing Department. Instructions of Mr. H. H. Hickerson.

Pat. Mfg. Co. 1192.19

55 Account Receivable

1127

1192.19

1192.19

Account Receivable 55

To cancel Journal Entry 1121 as the transaction involved was handled direct through the Billing Department. Instructions of Mr. H. H. Hickerson.

Pat. Mfg. Co. 1192.19 - Pat. Mfg. Co. 5

Orange, N.J. - July 3rd 1915

86 Accounts Payable 1128 7760277  
Surplus 7760277

To transfer the following amounts  
 to the General Ledger representing  
 balances standing in the accounts  
 below on Aug 1st 1915

77622.35 Mr. A. E. Eason, Inc. Dr.  
 2,029.53 Union Storage & Pkg. Co. Dr.

90 Accounts Payable 1129 16292530  
Surplus 16292530

To transfer the balances standing in  
 the following G/Ls as Aug 1st 1915, to  
 the General Ledger

68,930.92 Mr. A. E. Eason, Inc. Dr.  
 73,994.35 Mr. A. E. Eason, Inc. Dr.

90 Accounts Payable 1130 154488  
Surplus 154488

To transfer the balances standing in  
 the following G/Ls as Aug 1st 1915, to the  
 General Ledger

Fire Loss L

90 Accounts Payable 1131 1222318  
Surplus 1222318

To transfer the above amount representing  
 balances standing in the various divisions  
 of Mr. A. E. Eason, Inc. to the Controlling G/L

Mr. A. E. Eason, Inc. Dr. 1222318  
 1264.99 Mr. A. E. Eason, Inc. Dr.  
 7201.67 Mr. A. E. Eason, Inc. Dr.  
 2,607.60 Mr. A. E. Eason, Inc. Dr.  
 348.20 Mr. A. E. Eason, Inc. Dr.  
 352.16 Mr. A. E. Eason, Inc. Dr.  
 19,498 Mr. A. E. Eason, Inc. Dr.  
 728.53 Mr. A. E. Eason, Inc. Dr.  
 101.50 Mr. A. E. Eason, Inc. Dr.

Orange, N.J. - July 3rd 1915

86 Accounts Payable 1132 18489841  
Surplus 18489841

To transfer the above amount represent-  
 ing balances standing in the various  
 divisions of Mr. A. E. Eason, Inc. to the  
 Controlling or General Ledger G/L

Mr. A. E. Eason, Inc. Dr. 18489841  
 112,500.00 Mr. A. E. Eason, Inc. Dr.  
 15,602.54 Mr. A. E. Eason, Inc. Dr.  
 1,944.28 Mr. A. E. Eason, Inc. Dr.  
 10,173.65 Mr. A. E. Eason, Inc. Dr.  
 124.44 Mr. A. E. Eason, Inc. Dr.  
 52.44 Mr. A. E. Eason, Inc. Dr.  
 12,683.01 Mr. A. E. Eason, Inc. Dr.  
 47.99 Mr. A. E. Eason, Inc. Dr.  
 780.44 Mr. A. E. Eason, Inc. Dr.  
 46.05 Mr. A. E. Eason, Inc. Dr.

90 Accounts Payable 1133 996  
Surplus 996

To transfer the balances standing  
 in the G/L of Mr. A. E. Eason, Inc. to the  
 Controlling or General Ledger G/L

Mr. A. E. Eason, Inc. Dr. 996  
 Mr. A. E. Eason, Inc. Dr. 996

90 Accounts Payable 1134 83812  
Surplus 83812

To transfer the following amounts  
 Mr. A. E. Eason, Inc. Dr. 83812  
 Mr. A. E. Eason, Inc. Dr. 83812  
 Mr. A. E. Eason, Inc. Dr. 83812  
 Mr. A. E. Eason, Inc. Dr. 83812

90 Accounts Payable 1135 214873  
Surplus 214873

To transfer the above amount  
 representing balances standing in the  
 various divisions of Mr. A. E. Eason, Inc. to the  
 Controlling or General Ledger G/L

Mr. A. E. Eason, Inc. Dr. 214873  
 Mr. A. E. Eason, Inc. Dr. 214873

Orange, N.J. - July 3<sup>rd</sup>, 1915

179	Chas. C. Edison Inc.	1138	59909	59909
	General Expenses	111		
	To transfer the above amount, representing interest, credit of June 30 <sup>th</sup> 1915 standing in the Cr. of Chas. C. Edison Inc. to General Expenses.			
181	Edison Inc.	1137	1222318	1222318
	Accounts Payable	58		
	To transfer the above amount, to the General Ledger.			
	1222318	W.P. General Books	91	
139	Manufacturing	1138	1017090	1017090
	Manufacturing	139		
	To credit Packing and Boxing Cr. with above amount, covering packing and boxing of units delivered during July 1915, as per following detail:			
1	Photographs	1017090	Packing Cr.	213
118	Auto. No. Making	102	Boxing	
3	Amberola. Boxes	5	@ 1200	600
5	"	6	"	720
10	"	30	"	3600
20	"	50	"	6000
6	Discs	50	"	6000
11	"	150	"	18000
2	"	200	"	24000
11	"	250	"	30000
1	Reprint	190	"	22800
18	Pat. No. Making	97	"	11640

Orange, N.J. - July 3<sup>rd</sup>, 1915

139	Manufacturing	1139	9070	9070
	Manufacturing	139		
	To credit Packing and Boxing Cr. with above amount, representing packing and boxing of machines delivered to Roy. Johnson, Inc. by patent division during July 1915, as per following detail:			
9	Photographs	8905	Packing Cr.	213
118	Auto. No. Making	102	Boxing	
3	Amberola. Boxes	5	@ 1200	600
5	"	6	"	720
10	"	30	"	3600
20	"	50	"	6000
6	Discs	50	"	6000
11	"	150	"	18000
2	"	200	"	24000
11	"	250	"	30000
1	Reprint	190	"	22800
18	Pat. No. Making	97	"	11640

Orange, N. J. — August 31st, 1915

100 <u>Bank of America</u>	1140	3900.00	3900.00
<u>Unpaid Bond Interest</u>			
For amount of bond interest, due this day on Company No. 37.			
100 <u>Accounts Payable</u>	1141	5557	5557
<u>Accounts Payable</u>			
To transfer the following amounts:			
Cr. of \$1000.00 to Co. No. 37, Orange, N. J.			
100 <u>Accounts Payable</u>	1142	22.75	22.75
<u>Accounts Payable</u>			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
100 <u>Accounts Payable</u>	1143	15.54	15.54
<u>Accounts Payable</u>			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
100 <u>Accounts Payable</u>	1144	16.50	16.50
<u>Accounts Payable</u>			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
To transfer the balance standing in the Co. of Laboring Works Co. to the Co. of Laboring Works Co.			
100 <u>Accounts Payable</u>	1145	66.213	66.213
<u>Accounts Payable</u>			
To transfer from Co. No. 37, the above amount, representing cost of coal consumed during the month of July, 1915.			
To transfer from Co. No. 37, the above amount, representing cost of coal consumed during the month of July, 1915.			
100 <u>Accounts Payable</u>	1146	27.6	27.6
<u>Accounts Payable</u>			
To transfer the above amount to Co. No. 37, Orange, N. J.			

Orange, N. J. — August 31st, 1915

100 <u>Accounts Payable</u>	1147	21.573	21.573
<u>Accounts Payable</u>			
To transfer the above amount, representing balance credit of Co. No. 37, standing in the account of Co. No. 37, to General Expense.			
100 <u>Accounts Payable</u>	1148	70.5599	70.5599
<u>Accounts Payable</u>			
To transfer the following amount to the General Expense, representing balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
To transfer the balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
100 <u>Accounts Payable</u>	1149	2779.09	2779.09
<u>Accounts Payable</u>			
To transfer the following amount to the General Expense, representing balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
To transfer the balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
100 <u>Accounts Payable</u>	1150	10.5276	10.5276
<u>Accounts Payable</u>			
To transfer the balance standing in the following account at Sept. 1st, 1915, to the General Expense.			
To transfer the balance standing in the following account at Sept. 1st, 1915, to the General Expense.			
100 <u>Accounts Payable</u>	1151	710.109	710.109
<u>Accounts Payable</u>			
To transfer the following amount to the General Expense, representing balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
To transfer the balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
100 <u>Accounts Payable</u>	1152	27.74	27.74
<u>Accounts Payable</u>			
To transfer the balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			
To transfer the balance standing in the account of Co. No. 37, at Sept. 1st, 1915.			

Orange Hb August 31<sup>st</sup> 1915

## 88 Accounts Receivable

1152

2780 Aug 15

2780 Aug 15

To transfer the above amount  
representing balance standing on  
this account derived of the John Q.  
Gunn's due to the contracting of Gene  
Lowe

1 John Q. Gunn due Sunday 27<sup>th</sup> Aug 15

477 60	John Q. Gunn due	10
1057 97 5	John Q. Gunn	11
207 1 57	John Q. Gunn	12
837 42	John Q. Gunn	13
11 96	John Q. Gunn	14
1133 26	John Q. Gunn	15
8 10	John Q. Gunn	16
632 79	John Q. Gunn	17
19 00	John Q. Gunn	18
32 66	John Q. Gunn	19

## 89 Accounts Payable

1153

1267 75

1267 75

To transfer the above amount rep-  
resenting balance standing on the  
account of the various derived  
of the John Q. Gunn's due to the contract  
of Gene Lowe

## 1 John Q. Gunn due 15 Aug 15

740 07	John Q. Gunn due	1
2982 16	John Q. Gunn	2
86 18	John Q. Gunn	3
611 53	John Q. Gunn	4
1670 60	John Q. Gunn	5
135 08	John Q. Gunn	6
71 12	John Q. Gunn	7

## 90 Gene Lowe

1154

3166 89

3166 89

To transfer the balance standing on  
the Gene Lowe to 31 Sept 15 to the  
Gene Lowe

3166 89 Gene Lowe

Orange Hb August 31 - 1915

## 91 Accounts Payable

1156

698

698

To transfer the above amount from  
the Gene Lowe to the Gene  
Lowe

## 92 Accounts Payable

1157

1198

1198

To transfer the above amount from  
the Gene Lowe to the Gene  
Lowe

## 93 Accounts Payable

1158

20 15

20 15

To transfer the above amount from  
the Gene Lowe to the Gene  
Lowe

## 94 Accounts Payable

1159

76 51

76 51

To transfer the above amount from  
the Gene Lowe to the Gene  
Lowe

## 95 Gene Lowe

1160

2180 14

2180 14

To transfer the above amount  
to the Gene Lowe

Orange N.J. August 31, 1915

396 See American Funds 31 1183

Deposited balance 16  
 To change in American Funds and  
 other accounts which represents  
 money paid out of the General Fund  
 (Exhibit Fund No.) as per the  
 following:

	<u>Bank of America</u>	<u>J. Payson</u>
Aug 4	6.58	7.10
" 9	6.58	7.10
" 12	6.58	7.10
" 13	6.58	7.10
" 21	6.58	7.10
	<u>50.24</u>	<u>29.00</u>

91 Accounts Payable 1183

To transfer the above amount to the  
 General Ledger

Thomas A. Edison, Inc. 23,110.40

91 Accounts Payable 1183

To transfer the above amount to the  
 General Ledger

Bates Mfg. Co. 349

362.87

7246

7246

Orange N.J. August 31, 1915

139 Manufacturing 31 1184

To credit Packing & Boring A.C. each above  
 amount covering packing & boring of machines  
 delivered during August, 1915 to  
 Thomas A. Edison, Inc. as per following details.

9. Phonograph. 16,792.08 Packing & Boring 213  
 188 Cuts No. 1 Macks. 55.62 " "

6. Ambulac	4.5	at 12.00	7.20
4. "	6.	5.20	3.28
594.	50	1.30	707.20
1.	5	.60	.60
83.	75	2.35	195.05
593.	30	.50	271.50
1027.	Deac	2.53	2595.31
146.	20	1.20	175.20
849.	150	3.86	3277.46
607.	200	3.80	2306.60
1413.	250	4.56	6762.48
39.	275	4.30	167.70
8. Hand Moving Machines	.51		4.08
81. Univ. Dict. Outfit	Comp.	1.35	109.35
7.	Bus. index	1.35	9.45
4.	Trans.	exp. H.B. 117	1.35
3.	Bus. index	1.35	4.05
2.	Comp.	1.35	2.70
10.	Trans.	1.35	13.50
27.	D.C. Ext. Dict.	1.35	36.45
1.	S. M. Dict. Outfit	Bus. index	1.35
3.	Univ. Dict.	"	1.35
120.	110 V. E. Trans. Outfit	"	1.35
10.	Univ. Trans. Outfit	exp. D.C. map	1.35
120.	110 V. E. Dict. Outfit	Bus. index	1.35
1.	"	Trans. - exp. single arm	1.35
1.	"	Trans. - exp. H.B. 117	1.35
1.	Univ. 110 V. E. Outfit	exp. D.C. map	1.35
2.	110 V. E. "	ac. - H.B. 117	2.70
26.	E. H. Dict.	"	1.35

Forwarded

16,720.69

Orange N. J. August 31<sup>st</sup> 1915

Forwarded		\$ 16,720.69	
5-Union Trans Outfit, up to C. May 1915	135.6	6.75	
10. " " " " " " " "	135.	13.50	
5. " " " " " " " "	135.	6.75	
6. " " " " " " " "	135.	8.10	
1. " " " " " " " "	135.	1.35	
6. " " " " " " " "	135.	8.10	
2. " " " " " " " "	135.	2.70	
20. Open frame hand shaving machs.	51.	10.20	
1 O.S. wood call	85.	.85	
9. R.C. 110 v. set	77.	6.93	
7. R.C. 110 v. "	77.	5.39	
1. R.C. 220 v. "	77.	.77	
577. Deter Hand Machs.	51.	51.93	
411. " " "	51.	3.69	
		\$ 16,847.70	

137 Manufacturing 11835

To credit Packing & Boxing of Merch. Above  
 amt. to cover packing & boxing of machines  
 delivered to Thomas G. Edison, Inc. Export Div-  
 ision Aug. 1915 as per following details,

Photograph.		526.40 Packing & Boxing 213	
137. 100. No. Machs.	8.46		
1. Home Photo.	at 95a.	95.	
2. Ambulante #5	126.	2.40.	
36. " 30	50.	18.00	
18. " 50	130.	28.40.	
11. " 75	295.	32.45.	
2. B. 40. Base	120.	2.40.	
213. B. 30.	120.	255.60.	
1. # 100.	3.13	3.13	
22. 150.	3.86	84.92.	
11. 200.	3.80	41.80.	
11. 250.	4.56	50.16.	
6-Union Trans Outfit.	135.	8.10.	
1-Home Photo.	135.	1.35.	
2. Open frame shaving machs.	51.	1.53	
1-Home Shaving	21.	.21.	
94. B. 100. No. Machs.	51.	8.46.	
		534.86	

Orange N. J. August 31<sup>st</sup> 1915

General Expense		31 <sup>st</sup>	
111 General Expense	11861		
Trans. Accrued.	333	516.44.	516.44.

To charge General Expense with the  
 above amount representing percentage  
 for month of July 1915 transferable  
 from Trans. Accrued.

General Expense		11871	
111 General Expense	11871		
Trans. Accrued	333	516.44.	516.44.

To charge General Expense with the  
 above amount representing percentage  
 for month of August 1915 transferable  
 from Trans. Accrued.



Garage 78 September 30, 1915

1168	11	18
<u>Account General</u>	<u>Account Payable</u>	
To transfer for the above amount		
1169	139	238
<u>Account General</u>	<u>Account Payable</u>	
To record distribution of Div. 1914		
dated July 28 from the Abstract of Sales		
and transfer the same amount		
from Materials to General Expense		
1170	102.38	102.38
<u>Account General</u>	<u>Balance</u>	
To record the distribution of the		
abstract of sales for month of June		
in Div. 1915 and 1914 as follows:		
Transfer 92.50 from M. to Gen. Exp. 1915		
also		
Photograph - 1914		
27.38 M. to Gen. Exp.		
also Photograph		
1171	499.48	499.48
<u>Account General</u>	<u>Manufacturing</u>	
To transfer from Bond W. the above		
amount representing cost of work		
commenced during the month of		
August 1915.		
200.00 to the 12th of Oct. 1915		
As per invoice report attached		
499.48 Bond W.		
1172	31.70	31.70
<u>Account General</u>	<u>Expense General</u>	
To charge the General Expense with above		
amount representing work paid out of the General		
Exp. 1915. (See also) a bill		
Sept 4		
13		
20		
27		

Garage 78 September 30, 1915

1173	22.76	33.76
<u>Line Line</u>	<u>Account Payable</u>	
To transfer the balance standing		
in the "Line Line" at Oct. 1, 1915 to		
General Expense		
22.76 Line Line		
1174	20.40	20.40
<u>Account General</u>	<u>Account Payable</u>	
To transfer for the above amount		
representing balance standing in		
the various divisions of the L. & N.		
as of Oct. 1, 1915 to the Engineering		
Dept. 1915		
L. & N. Eng. Div. 20.40		
27.14 67		
300.60		
19.60 74		
219.06		
7.53 98		
380.38		
6.98		
66.41		
6.98		
3.67		
1.76		
1175	17.51	17.51
<u>Account General</u>	<u>Account Payable</u>	
To transfer the following amount		
to L. & N. Eng. Div. 17.51		
16.30 General Expense		
10.55 M. to L. & N. Eng. Div.		
47.36 L. & N. Eng. Div.		
1176	14.67	14.67
<u>Line Line</u>	<u>Account Payable</u>	
To transfer the above amount representing the		
with W. of Gen. Exp. 14.67 to L. & N. Eng. Div.		
14.67 Line Line		

Group H. September 30, 1915

1 General 4177

Accounts Payable  
To transfer the above amount to the General ledger representing balance standing in the accounts below as Oct 1, 1915

1571.04 to Henry Lutz  
10672.23 to L. B. Brown

2 General Payable 4178

Accounts Payable  
To Surpass the following amount

to Surpass to Surpass

3 General Payable 4179

Accounts Payable  
To transfer the above amount representing balance standing in the ledger of the various divisions of the L. B. Brown Co. as Oct 1, 1915 to the General Ledger

to L. B. Brown Co. 10,672.23  
6079 L. B. Co. Henry Lutz  
6079 to Henry Lutz  
16492 to L. B. Co.  
15612 to L. B. Co.  
19452 to L. B. Co.  
9192 to L. B. Co.  
7566 to L. B. Co.  
103207 to L. B. Co.  
10 to L. B. Co.

4 General Payable 4180

General  
To transfer the following amount representing balance standing in the accounts below as Oct 1, 1915 to the General Ledger

1748974 to Henry Lutz  
1747957 to L. B. Brown

Group H. September 30, 1915

134 Manufacturing 4181

Manufacturing  
To credit Paying to Surpass with above amount to credit paying and Surpass of machines delivered to the General Ledger during Sept 1915 as per following detail

Phonograph 201.41 Paying 913  
April 20 March 974 Paying  
96 L. B. Co. March 20 29.10 1.61  
97 L. B. Co. " 29.10 51  
3 L. B. Co. March 20 29.10 97  
4 L. B. Co. March 20 140 46  
6-750 " 4.66 74.66  
1- L. B. Co. " 1.90 1.90  
1- L. B. Co. " 1.80 1.80  
5- " 20 " 50 75  
17- " 200 " 280 64.60  
15- 150 " 356 59.90  
16- 100 " 312 51.38  
4- 80 " 170 240  
1- 375 " 4.26 4.26  
1- 450 " 4.26 4.26  
1- L. B. Co. 75 " 4.95 4.95

135 Manufacturing 4182

Manufacturing  
To credit Paying to Surpass with above amount to credit paying and Surpass of machines delivered during September 1915 to the General Ledger as per following detail

Phonograph 37189.46 Paying 913  
April 20 March 674 Paying  
96 L. B. Co. March 20 29.10 1.61  
97 L. B. Co. " 29.10 51  
3 L. B. Co. March 20 29.10 97  
4 L. B. Co. March 20 140 46  
6-750 " 4.66 74.66  
1- L. B. Co. " 1.90 1.90  
1- L. B. Co. " 1.80 1.80  
5- " 20 " 50 75  
17- " 200 " 280 64.60  
15- 150 " 356 59.90  
16- 100 " 312 51.38  
4- 80 " 170 240  
1- 375 " 4.26 4.26  
1- 450 " 4.26 4.26  
1- L. B. Co. 75 " 4.95 4.95









Orange 796 October 31, 1915

Account General 1300  
 Debit M/ple 304

To transfer the above amount representing balance standing on the account of Debit M/ple Oct 20, 1915 to the General Ledger.

Debit M/ple 304

Debit 1301  
 Account Payable 304

To transfer the following amount representing balance on the account of Debit M/ple Oct 20, 1915 to the General Ledger.

Debit 304  
 Debit 304

Account General 1302

To transfer the above amount to the General Ledger representing balance standing on the account of Debit M/ple Oct 20, 1915.

Debit 304  
 Debit 304

1300

1301

1302

1303

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Orange 796 October 31, 1915

Account General 1303

To transfer the above amount representing balance standing on the account of Debit M/ple Oct 20, 1915 to the General Ledger.

Debit M/ple 304

Debit 1301  
 Account Payable 304

To transfer the following amount representing balance on the account of Debit M/ple Oct 20, 1915 to the General Ledger.

Debit 304  
 Debit 304

Account General 1302

To transfer the above amount to the General Ledger representing balance standing on the account of Debit M/ple Oct 20, 1915.

Debit 304  
 Debit 304

1303

1304

1305

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1345











Orange Hb November 1915

111. <u>to C. H. Caldwell</u>	1228	479.65	479.65
<u>to C. H. Caldwell</u>			
To transfer from C. H. Caldwell book Dept looks to the controlling ledger			
112. <u>to C. H. Caldwell</u>	1229	479.60	479.60
<u>to C. H. Caldwell</u>			
To transfer above amount crossing charges rendered in May 1915 against C. H. Caldwell book Dept from Cash Payable Ledger to C. H. Caldwell Dept. General Ledger			
479.60 C. H. Caldwell Dept.			
113. <u>to C. H. Caldwell</u>	1230	5000	5000
<u>to C. H. Caldwell</u>			
To transfer from C. H. Caldwell book Dept looks to controlling ledger 5000 C. H. Caldwell Dept.			
114. <u>to C. H. Caldwell</u>	1231	545.76	545.76
<u>to C. H. Caldwell</u>			
To transfer from Controlling ledger to the cash Dept. value of cabinets, cash hardware and other material they had on hand at May 1st 1915 as per inventory of May 1st 1915 attached			
at 759.05 Cash on hand 55			
513.53 Cabinets			
115. <u>Manufacturing</u>	1232	1549.16	1549.16
<u>Manufacturing</u>			
To transfer from Controlling ledger 1154 and transfer the above amount from Cash Payable to Manufacturing			
1154 Cash Payable 1549.16 Manufacturing			
116. <u>Manufacturing</u>	1233	3343.17	3343.17
<u>Manufacturing</u>			
To transfer the above amount representing cash on deposit at Nov 3rd 1915 from Manufacturing cash to Manufacturing cash and to Manufacturing cash			

Orange Hb November 1915

117. <u>Manufacturing</u>	1234	776.13	776.13
<u>Manufacturing</u>			
To transfer above amount representing balance at Nov 3rd 1915 from Manufacturing cash to Manufacturing cash			
118. <u>Manufacturing</u>	1235	599.09	599.09
<u>Manufacturing</u>			
To transfer July Journal entry #1131			
119. <u>Manufacturing</u>	1236	712.72	712.72
<u>Manufacturing</u>			
To transfer August Journal entry #1137			





Orange H. December 31, 1915

301 For Loan

1317.2

16944

16944

Accounts Payable 19

To transfer the balance standing in the loan to 1st Dec. 1915 to the General Ledger

26,322 For Loan

1

314 For Cash

1348

1054124

1054124

1st Dec. 1915 116

To transfer the above amount

41 Accounts Payable

1348

1054124

1054124

Accounts Payable 116

To transfer the following amount

1st Dec. 1915 24,494

3

1st Dec. 1915 1000

5

41 Accounts Payable

1350

59

80

Accounts Payable 116

To transfer the following amount

1st Dec. 1915 1000

101

314 For Cash

1351

261

261

Accounts Payable 116

To transfer the above amount

1st Dec. 1915 26,322

3

1st Dec. 1915 1000

5

41 Accounts Payable

1352

1054124

1054124

Accounts Payable 116

To transfer the following amount

1st Dec. 1915 24,494

3

1st Dec. 1915 1000

5

41 Accounts Payable

1353

1054124

1054124

Accounts Payable 116

To transfer the above amount

1st Dec. 1915 26,322

3

1st Dec. 1915 1000

5

41 Accounts Payable

1354

1054124

1054124

Accounts Payable 116

To transfer the above amount

1st Dec. 1915 26,322

3

1st Dec. 1915 1000

5

Orange H. December 31, 1915

41 Accounts Payable

1354

1054124

1054124

Accounts Payable 116

To transfer the above amount

1st Dec. 1915 26,322

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

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1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

1st Dec. 1915 1000

Orange Hb. Dec 31, 1915

1	<u>Accounts Payable</u>	1236	59	6158.56	6158.56
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance at closing on the account at Dec 31 to the General Ledger.				
344	General Ledger	1237	59		
345	General Ledger	1238	59		
1	<u>Accounts Payable</u>	1237		108.95	108.95
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance on Dec 31 to the General Ledger.				
344	General Ledger	1238		597.31	597.31
345	General Ledger	1239			
	In transfer from previous account representing balance at closing on the account at Dec 31 to the General Ledger.				
344	General Ledger	1240			
345	General Ledger	1241			
1	<u>Accounts Payable</u>	1242		1250.	1250.
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance at closing on the account at Dec 31 to the General Ledger.				
344	General Ledger	1243			
345	General Ledger	1244			

Orange Hb. Dec 31, 1915

1	<u>Accounts Payable</u>	1261		1057.56	1057.56
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance on Dec 31 to the General Ledger.				
344	General Ledger	1262		1057.56	1057.56
345	General Ledger	1263			
1	<u>Accounts Payable</u>	1264		1057.56	1057.56
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance on Dec 31 to the General Ledger.				
344	General Ledger	1265			
345	General Ledger	1266			
1	<u>Accounts Payable</u>	1267		1057.56	1057.56
	<u>Accounts Payable</u>				
	In transfer from previous account representing balance on Dec 31 to the General Ledger.				
344	General Ledger	1268			
345	General Ledger	1269			



Orange, Fla. Dec. 21, 1915

1266

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The  
D. & M. Co. Inc. bank charges  
E.C. The D. & M. Co. Inc. bank charges

1267

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1268

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1269

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1267

E.C. The D. &amp; M. Co. Inc.

1267

E.C. The D. &amp; M. Co. Inc.

1268

E.C. The D. &amp; M. Co. Inc.

1269

E.C. The D. &amp; M. Co. Inc.

Orange, Fla. Dec. 21, 1915

1270

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1271

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1272

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1273

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges

1274

E.C. The D. &amp; M. Co. Inc.

In transfer, show amount covering  
E.C. The D. & M. Co. Inc. bank charges  
on Draft against E.C. The D. & M. Co. Inc.  
from bank charges to E.C. The D. & M. Co. Inc.  
bank charges



Orange Hq. December 31, 1915

E.O.H. House Accountly Dept. 1282

1000 Fixed Investment 1282Monthly Fixed Income 1282

To transfer the above valuation of  
Equipment, as per Inventory of  
Accounting Dept. as detailed on this  
Inventory of Dec. 31, 1915

E.O.H. House Accountly Dept. 1283

Monthly Fixed Income 1283

To transfer the above valuation of  
Equipment, as per Inventory of  
Accounting Dept. as detailed on this  
Inventory of Dec. 31, 1915

E.O.H. House Accountly Dept. 1284

1000 Fixed Investment 1284Monthly Fixed Income 1284

To transfer the above amount representing  
value of Materials on hand in  
House Dept. as per their Inventory of  
Dec. 31, 1915.

Material 31,324.60 116.  
House 66,330.13 9.

E.O.H. House Accountly Dept. 1285

1000 Fixed Investment 1285Monthly Fixed Income 1285

To transfer the above valuation of  
Equipment, as per Inventory of  
Dept. Dec. 31, 1915

E.O.H. House Accountly Dept. 1286

Monthly Fixed Income 1286

To cover depreciation at 10% for nine  
months, on valuations of Equipment  
in House Dept. as per Journal Entry 1286

22,514.3

3,552.0

102,671.73

22,367.94

16,775.9

Orange Hq. December 31, 1915

1000 Manufacturing 1287Monthly Fixed Income 1287

To cancel Journal Entry 1287 as same  
should have been dated January 1, 1916

9 House 72,320.16

200 House 47,333.75

200 Manufacturing 9,167.94

1000 General Expenses 1288Monthly Fixed Income 1288

To cancel Journal Entry 1288 as same  
should have been dated Jan. 1, 1916

250 Manufacturing 1289Monthly Fixed Income 1289

To cancel Journal Entry 1289 as same  
should have been dated Jan. 1, 1916

250 Manufacturing 1290Monthly Fixed Income 1290

To cancel Journal Entry 1290 as same  
should have been dated Jan. 1, 1916

50 Accounting 1291Monthly Fixed Income 1291

To transfer the above amount to the  
General Expenses

1000 Manufacturing 1292Monthly Fixed Income 1292

To transfer the above amount representing  
value of Equipment purchased direct  
by E.O.H. House Dept. during December 1915

12,919.75

277

22,514.3

3,552.5

2500

58,062

Orange, N.J. January 31, 1916

31  
L. O. M. Hono. Assembly Dept.  
390 Fin. & General Accounts 12029

390 Stirps de. Brim. com. exs.

Machinery and Tools 254

Subsequent to the personal evaluations of  
Equipment Station over by the Hqs.  
Assembly Dept. as detailed on this  
Authority of June 1, 1946

112 General Expenses 1298  
China Assembly Dept.  
Seamount Advances 386

Care Assembly Sept.  
Current Advances

Subscribed and attested  
I, James W. Adams, Treasurer of the Board of Supervisors,  
do hereby certify that the foregoing is a true and correct  
copy of the report of the Board of Supervisors, as  
presented to the Board of Supervisors, at its regular  
meeting, held on the 10th day of December, 1905.

200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300	Monthly Current Advances General Expenses	1294 117
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*M. Everett Anderson*

General Expenses 172

2. Same for the direct amount representing  
Material of our Experience, classification,  
and found in Thro. Assembly Sept. as per  
Min. Journal of Court 1906

7/15 Home. Chas. and by Sept.  
Current Accounts in

Conrad Aiken

Manufacturing \_\_\_\_\_ 11/0

2. transfer the above amount, representing value of material on hand, as shown. Assembly Rep. as per their invoice of 12 Dec. 54. 1110

Monographs 72.320.16.9  
 Babinech 47.382.75.207  
 Pack of 100 9.487.50.718

56 Account of the 1223

Accounts Payable 89

N. W. Leeming 1225 N. W. Leeming H.

N. W. Leaning

*H. Keating* H.

Orange N.J. January 31-1916.

56 Accounts Receivable 1297  
E. O. H. Encl. Remains. Dept.

E. O. H. Ernst, Esq. Maint. Dist.

*Leucost. A. aureus* 380

To transfer above amount to General's Order  
representing charges rendered by Const. Co.  
their Dep. in payment of same being  
included in payment made to the  
General.

51 John Rogers. '13.20.

98 Accounts Payable 1298.

Accounts Payable 89

To transfer the debit balance, standing in the 96 Below, from Jas. H. Edison Inc. Bankers Books to E. O. H. Conzales.

Thos. H. Vanderbilt 1894 to J. H. Edison Inc. Bankers B.

112. General Expenses	1299
2. ...	333

James Buchanan 333

To charge General Expense with above amount representing percentage for month of January 1976, transferable from taxes accrued.

898 Leve 774p Co Titled Investment 1390.  
Machines, Gas, Tools 25

Machines as Tools 25

To transfer the value of Equipment on  
Hand in Fater Mfg. Co. as per their  
Inventories of Dec. 31-1905

112 General Expenses 1301/

Revised Sept. Current Acc. 39

To cover depreciation at the rate of 10%  
for 10 months (Mar. 1. To Dec. 31. 1914) on  
Machinery and Equipment in Bureau of Geol. & Nat. Hist.

56 Accounts Receivable 1302  
E. W. G. and Co. Maint. Bk.

ERW. Counsel. Fed Maint. Dept.

Current Advances 38

To transfer the credit balance standing  
in the following account.

101 Mr & Lill 12.00

Orange, Fla. January 3, 1916

39<sup>th</sup> Manufacturing 1303

To transfer the value of Material  
in hand in the 1915 Apts. as per  
their inventory of Dec. 31, 1915

Auto. Co. Motor	72.44	113
Auto. Motor	55.13	28
Motor Cars	77.98	127
Auto. Motor	42.51	213
Auto. Motor	55.29	57

39<sup>th</sup> Manufacturing 1304

To transfer the above amount representing  
material paid out of inventory and received  
back. (Balance sheet) as follows:

Auto. Motor	7.80
" 10	7.80
" 17	7.80
" 21	7.80
" 31	7.80

140 Manufacturing 1305

To credit Working & Shipping with above  
amount, covering machinery delivered to  
the O. & G. Co. during January 1916, as  
per invoice or original of the entry.

9 Manufacturing 1306 213

140 Manufacturing 1306

To credit Working & Shipping with above  
amount, covering machinery delivered to  
the O. & G. Co. during January 1916, as per  
invoice or original of the entry.

9 Manufacturing 1307 214

Auto. Co. Motor
 1.18 |

Orange, Fla. January 31, 1916

5<sup>th</sup> Accounts Receivable 1307

To transfer the above amount representing  
balance standing in the various divisions  
of the 1st. & 2nd. Div. at Jan. 31, 1916, to the  
Controlling or General Ledger.

1 Accounts Receivable 1307 150.10

1st. & 2nd. Div.	247.85	10
Auto. Motor	26.65	11
Auto. Motor	3.40	12
Auto. Motor	21.95	13
Auto. Motor	24.15	14
Auto. Motor	2.44	15
Auto. Motor	1.04	16
Auto. Motor	10.00	17
Auto. Motor	4.88	18
Auto. Motor	17.11	19
Auto. Motor	46.74	20

5<sup>th</sup> Accounts Receivable 1308

To transfer the above amount to the  
General Ledger representing balance standing  
in the accounts below at Jan. 31, 1916.

1 Accounts Receivable 1308 150.10

5<sup>th</sup> Accounts Payable 1309

To transfer the above amount representing  
balance standing in the various divisions  
of the 1st. & 2nd. Div. at Jan. 31, 1916,  
to the Controlling or General Ledger.

1 Accounts Payable 1309 150.10

1st. & 2nd. Div.	31.00
Auto. Motor	36.04
Auto. Motor	7.09
Auto. Motor	1.00
Auto. Motor	55.69
Auto. Motor	18.56
Auto. Motor	21.58
Auto. Motor	45.41
Auto. Motor	74.15



Orange, N.J. January, 1916

110 Manufacturing 1320  
Manufacturing 110  
 To record Working Co. Working with above amount, representing cost of packing and doing distorting Machine and doing Machine, during January 1916  
 Photographs 110  
 2 of Jan. 1916 110  
 1 of Jan. 1916 110

110 Manufacturing 1321  
Manufacturing 110  
 To record Working Co. Working with above amount, representing cost of packing and doing distorting Machine and doing Machine, during January 1916  
 Photographs 110  
 1 of Jan. 1916 110  
 1 of Jan. 1916 110  
 1 of Jan. 1916 110  
 1 of Jan. 1916 110

110 Electrical Dept. 1322  
Current Accounts  
 To transfer the valuation of Material on hand in the Electrical Department as per their Inventory of January 1916

Material 52.88% 110  
 Photographs 15.92% 110  
 Electric Lighting 2.62% 110  
 Profit 1.87% 110

110 Electrical Dept. 1323  
Fixed Assets  
 To transfer the valuation of Machinery and Equipment taken over by Electrical Dept. as per their Inventory of Jan 3, 1916

Orange, N.J. January, 1916

110 General Expense 1324  
General Expense 110  
 To record depreciation on Machinery and Equipment retained by the Electrical Dept. as per their Inventory of January 1916  
 General Expense 110

110 General Expense 1324  
General Expense 110  
 To transfer the valuation of Equipment purchased since by General Dept. during Jan 1916

110 General Expense 1324  
General Expense 110  
 To transfer the valuation of Equipment purchased since by General Dept. during Jan 1916

Orange Ky. February 1916

1	<u>Surplus</u>	29	1325	395.46	395.46
	<u>General Expenses</u>				
	I transfer the above amount represent- ing value of Automobile delivered to me by H. W. Eason from Farm Studs				
	<u>Automobile</u>	29	1326		
	<u>General Expenses</u>	1158			
115	<u>General Expenses</u>		1326	268.58	268.58
	<u>Automobile</u>				
	I cover depreciation on Automobile transferred from Farm Studs to Orange				
116	<u>General Expenses</u>	9	1327	394.68	394.68
	<u>Automobile</u>				
	I transfer above amount represent- ing value of Automobile transferred from Farm Studs to Orange				
117	<u>General Expenses</u>	9	1328	114.81	114.81
	<u>Automobile</u>				
	I transfer above amount representing depreciation charge on Automobile delivered to Orange from Farm Studs.				
118	<u>General Expenses</u>	117	1329	268.58	268.58
	<u>Automobile</u>				
	I transfer from Control to Bond. Dept. Lords, above amount covering depreciation allowed on Automobile transferred from Farm Studs to Orange.				
119	<u>General Expenses</u>	117	1330	161.09	161.09
	<u>Automobile</u>				
	I transfer the above amount representing balance standing in Fire Insurance claiming account at February 29th 1916				

Orange Ky. February 1916

120	<u>General Expenses</u>		1331	13.45	13.45
	<u>Automobile</u>				
	I transfer above amount from H. W. Eason to Bond. Dept. Lords, to E. W. Eason General Ledger, being balance on a/c at February 29th 1916, as per details at- ached to original of this entry.				
121	<u>General Expenses</u>		1332	66	66
	<u>Automobile</u>				
	I transfer above amount represent- ing balance at Feb 29th 1916 on E. W. Eason Dept. Lords.				
122	<u>General Expenses</u>		1333	151.86	151.86
	<u>Automobile</u>				
	I transfer the debit balances on E. W. Eason Dept. Lords at Feb. 1-1916 to Bond. Dept. Lords, as follows:				
				151.77	151.77
				195.03	195.03
				800.47	800.47
123	<u>General Expenses</u>		1334	554.27	554.27
	<u>Automobile</u>				
	I transfer the balance in H. W. Eason on H. W. Eason Dept. Lords, to E. W. General Ledger.				
124	<u>General Expenses</u>		1335	21.51	21.51
	<u>Automobile</u>				
	I transfer the balance at Feb. 1, 1916 on H. W. Eason Dept. Lords, from General Ledger, to the Control General Ledger.				
125	<u>General Expenses</u>		1336	21.51	21.51
	<u>Automobile</u>				
	I transfer the balance at Feb. 1, 1916 on H. W. Eason Dept. Lords, from General Ledger, to the Control General Ledger.				



Orange, Va. February 24, 1916

380 House Assembly Dept.  
Current Advances 1336  
Accounts Payable 56  
 To transfer the balance as Feb. 1st, 1916  
 against House Assembly Dept. from  
 Capital Receipts Ledger to E.W. Control  
 General Ledger.  
 122,465.79 House Assembly Dept. 30

381 Seaside 1337  
E.W. Cabinet Dept. 366  
Current Advances  
 To transfer the balance as Feb. 1, 1916  
 on E.W. Cabinet Dept. Leds to the E.W.  
 Control General Ledger.  
 110 House Assembly, Current Advances 10,771.98  
 380 E.W. Cabinet Dept. Leds. To  
 380 E.W. Cabinet Dept. Current Advances 2,037.75

382 House Drawing Dept.  
Current Advances 1338  
Accounts Payable 38  
 To transfer from House Assembly Leds  
 to the Control General Ledger, the balance  
 as Feb. 1st, 1916, as per details shown  
 on original of this entry.

383 House Machine Dept.  
Current Advances 1339  
Accounts Payable 38  
 To transfer from House Machine Dept. Leds  
 to Control General Ledger, the balance  
 as shown on original of this entry.

384 E.W. Cabinet Dept.  
Current Advances 1340  
Accounts Payable 59  
 To transfer the balance in Laboratory Leds  
 on the Cabinet Dept. Leds, as Feb. 1, 1916, to  
 the Control Accounts Payable Ledger.  
 177.10 H. Drawing Laboratory J

122,465.79

110,771.98

3,996.66

182.02

498.65

Orange, Va. February 24, 1916

385 E.W. Cabinet Dept.  
Current Advances 1341  
Accounts Payable 59  
 To transfer the balance as Feb. 1, 1916  
 on Control Accounts Payable Ledger  
 (Cabin. Dept. %) to Control General Ledger.  
 261.75 E.W. Cabinet Dept. 3

386 E.W. Cabinet Dept.  
Current Advances 1342  
Accounts Payable 56  
 To transfer the balance as Feb. 1, 1916, on  
 Control Office Ledger (Cabin. Dept. %)  
 to Control General Ledger.  
 179.017 E.W. Cabinet Dept. 31

387 E.W. Cabinet Dept.  
Current Advances 1343  
Accounts Payable 38  
 To transfer from E.W. Cabinet Leds  
 to Control General Ledger, the balance  
 as shown on original of this entry.

388 E.W. Cabinet Dept.  
Current Advances 1344  
Accounts Payable 59  
 To transfer the amount of Capital  
 advanced to C.W. Leds. Feb. 10, 1916 from  
 E.W. Control Pts. Payable Leds to the  
 Cabinet Dept. Current Advances Account.  
 1000.00 E.W. Cabinet Dept.

389 House Machine Dept.  
Current Advances 1345  
Accounts Payable 59  
 To transfer per purchase of Cash  
 remittances received by Thomas D.  
 Ellison, Inc., Control Machine, as per  
 the following details.

1.60 Laboratory, Laboratory Leds  
 18.10 H. Drawing Lab. (Cabin. %)

261.75

179.017

1000.00

267.01

Orange Rpt. February 29<sup>th</sup> 1916

Bank of Montreal, General Dept. 1346  
 31<sup>st</sup> Bank of Montreal

Automobile 9

To cover valuation of 65 <sup>th</sup> cells, etc.  
 changed in part for 65 exhausted cells  
 on the bill of C.W. Storage Battery Company  
 attached to our Dec 95, voucher No 3.

Indusquebec County Bank 1347  
 31<sup>st</sup> Current Advances

Dr. G. Edouard, General 31<sup>st</sup>

To transfer from Indusquebec County Bank  
 books to C.W. Control General Ledger the  
 balance in their Accounts Payable Ledger  
 at February 1, 1916

C.W. Control Dept. 1348  
 31<sup>st</sup> Current Advances

Accounts Payable 39

To transfer the balance on C.W. Control  
 Ledger via the 96 of M. J. J. to the C.W.  
 Control Dept. books.

M. J. J. 3928 31<sup>st</sup>

C.W. Control Dept. 1349  
 31<sup>st</sup> Current Advances

Dr. G. Edouard, General 31<sup>st</sup>

To transfer from General Dept. books to  
 Control General Ledger, balances on  
 accounts at Feb. 1, 1916, as shown on  
 original of this entry

C.W. Control Dept. 1350  
 31<sup>st</sup> Current Advances

Accounts Payable 39

To transfer the balance of Laboratory 96  
 at Feb. 1, 1916, from C.W. Control Dept. books to  
 the C.W. Control Dept. Payable Ledger.

310, Dr. G. Edouard, Laboratory 3

75000

75000

1505

1505

3928

3928

49805

49805

210

210

Orange Rpt. February 29, 1916

C.W. Control Dept. 1351  
 31<sup>st</sup> Current Advances

Services 35311

To transfer the following balance  
 on the Control Dept. books at Feb. 1, 1916  
 to the C.W. Control General Ledger.  
 35311, Dr. G. Edouard, Services 35311

C.W. Control Dept. 1352  
 31<sup>st</sup> Current Advances

Accounts Payable 3223

To transfer the following balance at  
 Feb. 1, 1916, from C.W. Control General  
 Ledger to Control General Ledger.  
 3223, C.W. Control Dept. 31<sup>st</sup>

C.W. Control Dept. 1353  
 31<sup>st</sup> Current Advances

Accounts Payable 3212732

To transfer the following balance on the  
 Control Dept. Payable Ledger at Feb. 1, 1916  
 to the C.W. Control General Ledger.  
 3212732, C.W. Control Dept. 31<sup>st</sup>

C.W. Control Dept. 1354  
 31<sup>st</sup> Current Advances

Accounts Payable 3567

To transfer from Control Dept. books the  
 balance standing on the 96 of M. J. J.  
 on Disposing Note Division at Feb. 1, 1916  
 to the C.W. Control General Ledger.

C.W. Control Dept. 1355  
 31<sup>st</sup> Current Advances

Accounts Payable 170

To transfer the following balance  
 on the Control Dept. books at Feb. 1, 1916  
 to the C.W. Control Dept. Payable Ledger.  
 170, Dr. G. Edouard, Laboratory 170

C. S. 228 February 24, 1916

1356

Account Payable  
 E. W. Bond & Mainst. Dept.  
 Current Advances

To transfer the following balance  
 at Jan. 1, 1916, from E. W. Bond & Mainst.  
 Dept. to E. W. Bond General Ledger.  
 Dec. 31, 1915, January 27, 1916

E. W. Bond & Mainst. Dept.  
 Current Advances

Account Receivable  
 To transfer the following balance at Feb.  
 1, 1916, from E. W. Bond General Ledger to  
 the E. W. Bond General Ledger.  
 1179.76 E. W. Bond & Mainst. Dept.

1358

Account Payable  
 E. W. Bond & Mainst. Dept.  
 Current Advances  
 To transfer the following balance at Feb.  
 1, 1916, from E. W. Bond General Ledger  
 to E. W. Bond General Ledger.  
 E. W. Bond & Mainst. Dept. 912.93

1359

Account Payable  
 E. W. Bond & Mainst. Dept.  
 Current Advances  
 To transfer from E. W. Bond & Mainst. Dept.  
 to E. W. Bond General Ledger the  
 above amount, representing balance  
 as shown on original of this entry.

1360

Account Payable  
 E. W. Bond & Mainst. Dept.  
 Current Advances  
 To transfer the following balance from the E. W.  
 Bond Dept. to Feb. 1, 1916, to the E. W. Bond  
 Account Payable.  
 1. Home Corp. of the Budget 20.00  
 2. Wood & Sons, Broadway, 20.00  
 3. Thelma, Inc. 17.50  
 4. E. W. Bond & Mainst. Dept. 14.27  
 5. M. E. Bond & Mainst. Dept. 5.00

2732.1

2732.1

1857.07

1157.07

912.93

912.93

20256.62

20256.62

2485.11

2485.11

1361

Account Payable  
 E. W. Bond & Mainst. Dept.

To transfer the following balance on  
 E. W. Bond & Mainst. Dept. at Feb. 1, 1916, to E. W.  
 Bond General Ledger.

W. E. Bond Dept. Current Advances, 2220.43  
 400.00  
 370.00  
 1911.11  
 10.00  
 10.00  
 1150.76

1362

Account Payable  
 E. W. Bond & Mainst. Dept.

To transfer from E. W. Bond & Mainst.  
 Dept. to the E. W. Bond General  
 Ledger at Feb. 1, 1916, the balance as  
 shown on original of this entry.

1363

Account Payable  
 To transfer to the E. W. Bond & Mainst. Dept.  
 the above amount, representing  
 balance as Feb. 1, 1916, which has been  
 paid by check issued in favor of  
 E. W. Bond & Mainst. Dept.  
 1700.00 E. W. Bond & Mainst. Dept.

1364

General Expenses  
 To transfer the balance of additional  
 stock on hand in E. W. Bond & Mainst. Dept.  
 as per their inventory of Feb. 24, 1916.  
 This entry is supplemental to Feb. 23, 1916.

214,753.30

214,753.30

533.46

533.46

1705.1

1705.1

2786.23

2786.23

Orange N.J. February 29<sup>th</sup> 1916

40	to the Maint. Buir. Comm.	1365	25
	<u>Accounts Payable</u>	90	25
	I transfer the balance up to the E.P.O. Control Cash Payable Ledger to the E.P.O. Control Cash		
41	Manufacturing	1366	46,544.95
	E.P.O. Invent. Dept. <u>Current Advances</u>	97	46,544.95
	Also adjustment in order, due to work Dept. having taken into their possession 1445, quantity of obsolete material and also on the office having filed to E.P.O. Control, during the time of their possession at less than actual cost.		
42	Photograph. Dept.		
43	E.P.O. Tech. Mfg. Dept. <u>Current Advances</u>	1367	1087.00
	<u>Accounts Receivable</u>	96	1087.00
	I transfer the balance standing in the file of Tech. Mfg. Dept. from Control Cash Ledger to the Control Cash Ledger. 1087.00 E.P.O. Tech. Mfg. Dept.		
44	<u>Accounts Payable</u>	1368	5022.62
	E.P.O. Tech. Mfg. Dept. <u>Current Advances</u>	97	5022.62
	I transfer the balance standing in the file of Tech. Mfg. Dept. as of Feb. 1, 1941 from the Control Cash Payable Ledger, to the Control Current Ledger.		
45	E.P.O. Tech. Mfg. Dept.		
46	<u>Accounts Payable</u>	1369	
	E.P.O. General Dept. <u>Current Advances</u>		
	I transfer the balance standing in the file of Tech. Mfg. Dept. as of Feb. 1, 1941 from the Control Cash Payable Ledger, to the Control Current Ledger.		
47	E.P.O. General Dept.		
48	<u>Accounts Payable</u>	1370	
	E.P.O. General Dept. <u>Current Advances</u>		
	I transfer the balance standing in the file of Tech. Mfg. Dept. as of Feb. 1, 1941 from the Control Cash Payable Ledger, to the Control Current Ledger.		
49	E.P.O. General Dept.		

Orange, N. J. February 29th. 1916.

<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Accounts Payable</u> 90          I transfer the balance standing in the          Electrical Dep't No. as of Feb 1, 1916, from the          E.W. Beauchamp Dep't. Payable Ledger, to the          E.W. Beauchamp General Ledger.          1916. E.W. Electrical Dep't.       </p>	<p>         1370          877.       </p>	<p>         877.       </p>
<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Loan driver</u>          I transfer the following balance          as of Feb 1, 1916, from the books of the          E.W. Beauchamp Dep't. to the E.W. Beauchamp          General Ledger.          66. E.W. and Dep't. Loan Advances 90.          2.99. " " " 310.          75. " " " " " 310.       </p>	<p>         1371          240.       </p>	<p>         240.       </p>
<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Interest on Bond</u>          I make off Bond Interest for year          ending July 30th 1916.       </p>	<p>         1372          56000.       </p>	<p>         56000.       </p>
<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Bond Interest</u>          I make off Bond Interest for year          ending July 30th 1916.       </p>	<p>         1373          75000.       </p>	<p>         75000.       </p>
<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Costs</u>          I make off value of Costs Account          at February 28th 1916.       </p>	<p>         1374          5140.       </p>	<p>         5140.       </p>
<p> <u>Edw. Beauchamp Dep't.</u>  <u>Current Advances</u> </p>	<p> <u>Manufacturing</u>          I charge Profit &amp; Loss, with amount          of royalty paid on Auto. No. 70, Miller during          the year ending Feb 28th 1916.       </p>	<p>         1375          39500.       </p>	<p>         39500.       </p>

Orange Rf. February 29, 1916

177 General Expenses 1373

To Accrued

To charge General Expenses with above amount, but including percentage for month of February, 1916 - transferable from Taxes Accrued.

178 Manufacturing 1377

Manufacturing

To credit Cording & Binding with above amount representing cost of packing & binding shipping boxes & shipping boxes sold during February, 1916.

10 Photograph 18912 Cording &amp; Binding

5. Hand screen c. 24 in. - 3

50. Best Vest Drafts - 115 - 75.50

10. Photo. Handprint - 5 - 24.99

65. Best screen - 55 - 59.50

179 Manufacturing 1378

Manufacturing

To credit Cording & Binding with cost of packing & binding shipping boxes, machines and shipping machines, but no freight, having during February, 1916.

10 Photograph 2200 Cording &amp; Binding

9. Photo. Handprint c. 24 in. - 4.99

1. Best screen - 15 - 15

13. Best. Handprint - 15 - 17.55

176 General Expenses 1379

Manufacturing

To adjust Cabinet Dept's accounts in connection with their inventory as of - 20th Feb. 1916.

25. 20th Feb. Cabinet

179 Accounts Payable 1350

Accounts Payable

To transfer the above amount.

To Berby Captain Co. 39.9 Berby Captain Co.

Orange Rf. February 29, 1916

90 Accounts Payable 1351

Accounts Payable

To transfer the above amount.

To Berby Captain Co. 22.41 Berby Captain Co.

Subsidiary Account by Client 1352

911 Fixed Investment 1352

Furniture Co. Furniture 242

To transfer the valuation of two steel racks, 11 1/2 ft. delivered to Subby Captain Co. from work, as per bill. 200.00

Subsidiary Account by Client 1353

911 Fixed Investment 1353

To transfer the valuation of furniture, on hand at Subby Captain Co. per their inventory of February 29, 1916.

358 General Insurance 1354

Deferred Insurance 16

To charge General Insurance with above amount representing cash paid out of Insurance Account (Fidelity Bond Co.) as follows.

Feb. 5, 1916 - 7.50

12 - 7.50

19 - 7.50

26 - 7.50

31.20

Joseph Taylor 31.20

112 General Expenses 1355

Manufacturing

To adjust difference in Subby Captain Co. inventory of Subby Captain Co. with amount inventory as Feb. 29, 1916 as shown on cash sheet. Extra entry will be made as soon as difference is located.

55.55 Subby Captain Co. 234

Orange Ref. February 29, 1916

112 General Expenses 1356

Manufacturing 110  
 To transfer from Machinery Shop Orders account to General Expenses, the above amount representing charges up to Feb. 29, 1916, against shop orders, as per debit detached to original of this entry.

1297 Sundry Shop Orders 234

162 Sales 1357

Sales 162  
 To transfer the balance standing in the following Sales %s, as of February 29, 1916.

243 Scrap 1845472 Photographic 4  
 331 Miscellaneous Supplies 2803 Art. Linens 84

66 Unclaimed Notes 1358

Unclaimed Notes 280  
 To transfer the credit balance appearing in % of Unclaimed Notes, as of Feb. 29, 1916, to Credit in Loss.

93 Accounts Payable 1359

Fire Loss 300  
 To transfer the accounts payable balance standing in Fire Loss %, as of Feb. 29, 1916, to the General Ledger.

To Fire Loss Feb. 29, 1916

380 Cash Loss 1360

Cash Loss 280  
 To transfer the balance standing in Cash Loss %, as of Feb. 29, 1916, to Cash in Loss.

56 Accounts Receivable 1361

Accounts Receivable 90  
 To transfer above amount to balance accounts payable account.

W. G. Kitzel 90 G. L. Kitzel 38

Orange Ref. February 29, 1916

93 Accounts Payable 1362

Accounts Payable 56  
 To transfer the above amount from Accounts to Accounts Payable Ledger.

H. H. Lanning 25.64 H. H. Lanning 2

93 Accounts Payable 1363

Accounts Payable 56  
 To transfer above amount from Accounts Receivable to Accounts Payable Ledger.

J. H. Lanning, L.H. 60.94 J. H. Lanning, L.H. 3

93 Accounts Payable 1364

Accounts Payable 57  
 To transfer the above amount from Accounts Receivable to Accounts Payable Ledger.

C. E. Lanning, L.H. 57.11 C. E. Lanning, L.H. 5

57 Accounts Receivable 1365

Accounts Receivable 57  
 To transfer the balance standing in the various divisions of the C. E. Lanning, Inc. as of Feb. 29, 1916, to the Contract Account.

1. 206.00 Contract % 526258.61

677.53 J. H. Lanning, L.H. 10  
 497.24 50 " " " " 11  
 2.457.96 " " " " 12  
 24.457.15 " " " " 13  
 12.71 " " " " 14  
 8.14 " " " " 15  
 2326.28 " " " " 16  
 990.73 " " " " 17  
 1.25 " " " " 18  
 139.26 " " " " 19  
 74.57 " " " " 20  
 4076.57 " " " " 21

93 Accounts Payable 1366

Accounts Payable 57  
 To transfer the above amount.

J. H. Lanning, L.H. 11.21 J. H. Lanning, L.H. 2

J. H. Lanning, L.H. 364 J. H. Lanning, L.H. 21

Orange Ref. February 29, 1916.

✓ <u>Investment</u>	1397	7221.0522	7221.0522
<u>Accounts Receivable</u> 57			
To transfer the following to the General Ledger.			
30 <sup>th</sup> Ed. Mfg. Co. 7663.74 Ed. Mfg. Co. 1			
31 <sup>st</sup> Ed. Mfg. Co. 1666.60 Ed. Mfg. Co. 2			
92 <u>Accounts Payable</u>	1398	55396	55396
<u>Accounts Payable</u> 90			
To transfer the balance standing in the various divisions of the E. J. Eichen, Inc. as Feb. 29, 1916. to the General Ledger.			
55396 Ed. Mfg. Co. 2			
Ed. Mfg. Co. 3			
Rich. Harrod 134.35			
Exp. " 26.52			
Nat. Mch. 25.60			
Minted Stamp 30.49			
Amusement 30.19			
Advertising 650.00			
Nat. Mch. 72.55			
✓ <u>Investment</u>	1399	65598.53	65598.53
<u>Accounts Payable</u> 90			
To transfer the following balance to the General Ledger.			
31 <sup>st</sup> Ed. Mfg. Co. 7663.74 Ed. Mfg. Co. 1			
31 <sup>st</sup> Ed. Mfg. Co. 1666.60 Ed. Mfg. Co. 2			
140 <u>Capital Ex. Loss</u>	1400	2546	2546
<u>Accounts Receivable</u> 57			
To transfer the balance standing in suspense of as February 29, 1916. to Capital Ex. Loss.			
2546 Suspense Ac. 51			
93 <u>Accounts Payable</u>	1401	48	48
<u>Capital Ex. Loss</u> 70			
To transfer the balance standing in suspense of as February 29, 1916. to Capital Ex. Loss.			
Suspense Ac. 48			

Orange Ref. February 29, 1916.

140 <u>Capital Ex. Loss</u>	1402	45176.95	45176.95
<u>Investment</u>			
To transfer the following as of February 29, 1916.			
45176.95 Machinery Ex. Loss 20% 745.			
2436 500 Lumber Ex. Loss 20% 745.			
93 <u>Accounts Payable</u>	1403	1065.14	1065.14
<u>Ed. Mfg. Co. 31<sup>st</sup></u>			
To transfer the above amount to the General Ledger.			
Ed. Mfg. Co. 1065.14			
140 <u>Manufacturing</u>	1404	741.50	741.50
<u>Manufacturing</u> 141			
To transfer above amount and thereby correct the distribution of overhead 1915 Transfer 527.			
D. K. Mch. Co. 741.50 - Adv. to Mch. 115			
140 <u>Capital Ex. Loss</u>	1405	741.50	741.50
<u>Manufacturing</u> 141			
To transfer above amount to Capital Ex. Loss, as of February 29, 1916.			
741.50 D. K. Mch. Co. 77			
140 <u>Manufacturing</u>	1406	2041.83	2041.83
<u>E. W. Rm. Acct. 31<sup>st</sup></u>			
<u>Current Advances</u>			
To transfer the balance of 1917 Adv. to Rm. sold during Jan. 1916.			
for which no charge was issued against E. W. Rm. division.			
10 Chronograph 1395.03			
207 Cabinet 646.80			
140 <u>Manufacturing</u>	1407	1025.55	1025.55
<u>E. W. Rm. Acct. 31<sup>st</sup></u>			
<u>Current Advances</u>			
To transfer above amount in order to adjust inventory of E. W. Rm. Acct. 31 <sup>st</sup> as of February 29, 1916.			
10 Chronograph 1025.55			

Orange Rfd. February 29, 1916

E.W. Cabinet Dept.	1408	151524	
36 Current Advances			
General Expense 117		151524	
To transfer the income standing in General Expense 94, from Cabinet Dept. books to those of E.W. Central Division. This entry is to place the unrecd. expense at the place of the fiscal year.			
E.W. Electrical Dept.	1409	55872	
37 Current Advances			
General Expense 117		55872	
To transfer the unrecd. expense at the place of the fiscal year from Electrical Dept. books to those of the E.W. Central Division.			
E.W. Sewer Dept.	1410		
37 Current Advances		157908	
General Expense 117		157908	
To transfer the General Expense amount in Sewer Dept. at the place of the fiscal year, to the E.W. Central Division.			
Manufacturing	1411	12753.08	
E.W. Dubuque Acct. 376			
Current Advances		12753.08	
To transfer above amount to General book in order to adjust Dubuque December 31st. books to agree with physical inventory as of Feb 29, 1916.			
Boulogne	12753.08		
E.W. Dubuque Acct. 376	1412		
Fixed Equipment		14537	
E.W. Dubuque Acct. 376			
Current Advances		14537	
To transfer the valuation of equipment purchased direct by Dubuque during Feb 1916.			

Orange Rfd. February 29, 1916

E.W. Water Dept.	1413		
37 Current Advances			
General Expense 117			
To transfer the unrecd. expense in Water Dept. as of Feb 29, 1916, to the E.W. Central books.			
E.W. Phone Acct. 376	1414		
37 Current Advances		2940.74	
General Expense 117		2940.74	
To transfer the unrecd. expense in Phone Acct. 376, as of Feb 29, 1916, to the E.W. Central books.			
319 Cold Dept. 2nd. Fund	1415	178824	
Cold Dept. 2nd. Fund			178824
To transfer the valuation of equipment purchased by Cabinet Dept. during Feb 1916.			
346 Sewer Dept. 2nd. Fund	1416	4332	
Sewer Dept. 2nd. Fund			4332
To transfer the valuation of equipment purchased by Sewer Dept. during Feb 1916.			
774 City Mfg. Co. Stock 79	1417	2499900	
Prof. & Loss			2499900
To reduce the City Mfg. Stock 79 and transfer the above amount from City Mfg. Co.			
774 City Mfg. Co. Stock 79	1418	100	
Miss Assets			100
To transfer the above amount from Miss Assets to City Mfg. Co. Stock 79.			
378 Thomas A. Edison Inc.	1419	2500000	
City Mfg. Co. Stock 79			2500000
To charge Thomas A. Edison, Inc. with book value of City Mfg. Co. Stock.			



Orange, N.J. February 27, 1946

Cornel & Mainst. Dept.	1420		
Mo Current Advances		3840.32	
Cornel & Mainst. Dept.			3840.32
Fixed Investments 310			
To transfer the above amount, so as to bring the Cornell Fixed Investments to complete control with the Cornell Equipment Co. See Bureau Investigation.			
Cornel & Mainst. Dept.	1421		
Mo Current Advances		1175	
Cornel & Mainst. Dept.			1175
Fixed Investments 310			
To transfer the valuation of equipment purchased direct by Cornell & Mainst. Dept. during February 1946.			
Cornel & Mainst. Dept.	1422		
Mo Current Advances		18670	
Cornel & Mainst. Dept.			18670
Fixed Investments 310			
To correct first entry on Journal Entry 1361, as this amount was transferred in error of that necessary to permit the January transactions of Dept. shown above.			
Cornel & Mainst. Dept.	1423		
Mo Current Advances		3125.06	
Cornel & Mainst. Dept.			3125.06
Fixed Investments 310			
To correct Journal Entry 1361, on 1/2 of above amount having been previously transferred.			
2033.93 Cornell Dept. Curr. Advances 310			
191.11 Jan. 1			372
595.03 Smithsonian			316
1102 Electrical			1161
Mo Current Advances	1424		
Subsidiary Curr. Advances 310		500.49	
Cornel & Mainst. Dept.			500.49
Fixed Investments 310			
To cancel J.E. 1313 on 1/2 of amount above, having been included in Journal Entry 1333			

Orange, N.J. February 27, 1946

Mo Current Advances	1425	915.00	
Cornel & Mainst. Dept.			915.00
Fixed Investments 310			
To transfer the valuation of equipment purchased direct by Cornell & Mainst. Dept. during February 1946.			
Mo Current Advances	1426	15177.98	
Cornel & Mainst. Dept.			15177.98
Fixed Investments 310			
To correct J.E. 1327 as above amount was previously transferred on J.E. 1323			
Mo Current Advances	1427	25	
Cornel & Mainst. Dept.			25
Fixed Investments 310			
To cancel J.E. 1345, on 1/2 of something then recorded in February instead of March 1946.			
Mo Current Advances	1428	1459.53	
Cornel & Mainst. Dept.			1459.53
Fixed Investments 310			
To correct Journal Entry 1342 and offset a revaluation of the Cornell & Mainst. Dept. with those accepted by the Cornell Dept. 1/10/46.			
Mo Current Advances	1429	66	
Cornel & Mainst. Dept.			66
Fixed Investments 310			
To correct J.E. 1361 on 1/2 of above amount having been previously transferred by Journal Entry 1332			
Mo Current Advances	1430	109632.99	
Cornel & Mainst. Dept.			109632.99
Fixed Investments 310			
To transfer the above amount representing the assumed liabilities of the Cornell & Mainst. Dept. at February 27, 1946 - to the books of Thomas A. Sawyer, Inc. General			
24,999.93 Cornell & Mainst. Curr. Adv. 310			
67,713.06 " " Fixed Invest. 310			

Orange, N. J. January 29, 1916

141 Manufacturing	1431	6214.93.	
Manufacturing	141	6214.93.	
To charge Phonograph A/c with debit balance appearing in Nickel Plating A/c as of Feb. 29, 1916			
141 Phonograph	6214.93 Nickel Plating.	15.	
141 Manufacturing	1432	130456.37.	
Manufacturing	141	130456.37.	
To adjust difference between Raw Materials Control A/c and physical inventory of Feb. 29, 1916			
141 Phonograph	130456.37 Raw Materials.	11.	
141 Manufacturing	1433	34266.37.	
Manufacturing	141	34266.37.	
To credit Phonograph A/c with above amount, same covers difference in Packing & Boxing as per inventory of Feb. 29, 1916			
141 Packing & Boxing.	34266.37 Phonograph	9	
141 Manufacturing	1434	1166021.82.	
Manufacturing	141	1166021.82.	
To transfer above amount			
141 Cabinet	1166021.82 Audance Cabinet	15.	
140 Manufacturing	1435	788568.51.	
General Expense	112	788568.51.	
To transfer the General Expense for year ending Feb. 29, 1916			
141 Phonograph	684936.60		
141 Proj. Kinctos.	25524.21		
141 Misc. Order.	17457.14		
141 Auto. X-ray Mach.	14427.85		
141 Cabinets	42213.75		
141 Elect. Appl.	2008.96		

Orange, N. J. January 29, 1916

142 Sales	1436	449663.98.	
Manufacturing	141	449663.98.	
To charge Sales with above amount, as same covers materials obtained to the various divisions and which was credited to Sales. As this material is only transferred to divisions it should not have been considered as a sale.			
204 Cabinet	69153.33	Cabinet	76.
41 Phonograph	415675.02	Phonograph	9
63 Raw Materials	7542.99	Raw Materials	16
141 Auto. X-ray Machs	2494.90	Auto. X-ray Machs.	155
141 Misc. Order.	1542.34	Misc. Order.	127
307 Elect. Appl.	2944	Elect. Appl.	35
141 Proj. Kinctos.	520.96	Proj. Kinctos.	87
142 Sales	1437	388944963	
Manufacturing	141	388944963	
To transfer the cost of goods sold during the year ending Feb. 29, 1916			
41 Phonograph	2065952.32	Phonograph.	9
23 Bass Notes	87460	Bass Notes	38
63 Material Sales.	27052.01	Material Sales.	63
141 Proj. Kinctos.	55152.38	Proj. Kinctos.	87
141 Misc. Order.	51713.42	Misc. Order.	127
141 Auto. X-ray Mach.	60334.56	Auto. X-ray Machs.	155
204 Cabinets.	1619484.21	Cabinets.	266
307 Elect. Appl.	8116.13	Elect. Appl.	35
142 Sales	1438	15452664.	
Profit & Loss	280	15452664.	
To transfer the Profit for year ending Feb. 29, 1916			
41 Phonograph	444055.19		
23 Bass Notes	445.58		
63 Matl. Sales.	7727.85		
141 Proj. Kinctos.	21865.62		
141 Misc. Order.	12116.41		
141 Auto. X-ray Machs.	5418.72		
204 Cabinets.	113226.26		
307 Elect. Appl.	6667.25		

Orange, N.J. February 29, 1916

1437	Bottom	1439	5140	5140
	<u>Profit &amp; Loss</u>	250		
	To retain the Bottom A/c. and transfer the above amount from Profit & Loss.			
99	Accounts Payable	1440	5049.67	5049.67
	<u>Accounts Payable</u>	90		
	To transfer balance of 1915 on 7% of 1915 having been paid through our own Laboratory 10/15/15 to Chemical Works Co. 2/15/16			
99	Accounts Payable	1441	6330.724	6330.724
	<u>Thomas Edison Inc. Inc.</u>			
	To transfer the balance standing in the account of Thomas Edison Laboratory to Thomas Edison Inc.			
5	Thomas Edison Inc.	1442		
34	Edison Storage Battery Co.	1443	11345.97	11345.97
	<u>Thomas Edison Inc.</u>			
	To transfer the balance standing in the 7% Edison Storage Battery Co. to Thomas Edison Inc.			
99	Thomas Edison Inc.	1443	2507.01	2507.01
	<u>Accounts Payable</u>	90		
	To transfer the balance standing in the 7% of Edison Chemical Works to Thomas Edison Inc.			
99	Thomas Edison Inc.	1444	1330.976	1330.976
	<u>Accounts Payable</u>	90		
	To transfer the balance standing in the 7% of Edison Inc. Export Division at 2:00 PM 2/1/16 to Thomas Edison Inc.			

Orange, N.J. Feb. 29, 1916

93	Accounts Payable	1445	390.95	390.95
	<u>Thomas A. Edison Inc.</u>	325		
	To transfer the Accounts Payable balance standing in the account of Thomas A. Edison Inc. Export Division at Feb. 29, 1916 to Thomas A. Edison Inc. Credit.			
5	Thomas A. Edison Inc. Export Div.	390.95		
281	Profit & Loss	1445-A	22388.13	22388.13
	<u>Freehold &amp; Buildings</u>	271		
	To 5% appreciation on book value of buildings at Feb. 29, 1916 owned by Edison Bros. Credit. As per recommendation of Lybrand, Rose Bros. & Montgomery.			
281	Profit & Loss	1445-B	60000	60000
	<u>Accumulated on Bonds</u>	201		
	To charge Profit & Loss & credit Accumulated interest on Bonds with above amount representing interest charges for month of Feb. 1916 on 5% Gold Bonds. As per recommendation of Lybrand, Rose Bros. & Montgomery.			
281	Profit & Loss	1445-C	1378.79	1378.79
	<u>Accrued Pay Roll</u>	203		
	To charge Profit & Loss and credit Accrued Pay Roll with above amount representing that part of Pay Roll for week ending March 4, 1916 covering Feb. 25 and 29, 1916. As per recommendation of Lybrand, Rose Bros. & Montgomery.			

Orange, N. J. Feb. 29<sup>th</sup> 1916.

251 Profit + Loss	# 11445-D.	900.00	
	Accrued Taxes	333	900.00

To charge Profit + Loss + credits Accrued Taxes with above amount to cover that proportion of tax assessment for 1914 chargeable to months of Jan. + Feb. 1916.  
As per recommendation of Lybrand, Rose Bros. + Montgomery.

251 Profit + Loss	# 11445-E.	3877.50	
	Taxes Accrued	333	3877.50

To transfer to Profit + Loss above amount representing balance in Taxes Accrued account at Feb. 29<sup>th</sup> 1916 covering that part of tax assessment for year 1915, that had not been transferred to General Expense.  
As per recommendation of Lybrand, Rose Bros. + Montgomery.

251 Profit + Loss	# 11445-F.	1646.20	
	Amount for Bad Debts	359	1646.20

To charge Profit + Loss + credits Reserve for Bad Debts with above amount representing balance owed the Edison Photo Works, owned by J. Liebitz + Sons, same being reflected in Accounts Receivable balance.  
As per recommendation of Lybrand, Rose Bros. + Montgomery.

Orange, N. J. February 29, 1916.

9 Accounts Payable	1445	390.95	
	To transfer the above payable balance standing on the account of the A. Baird Inc. + Sons, Orange, N. J., dated Feb. 29, 1916 to the J. Liebitz + Sons, Orange, N. J., dated Feb. 29, 1916.		390.95

Orange, N. J. March 31, 1916

337	Journal Deft. Currents	1445	1000.55	1000.55
	<u>Accounts Receivable</u>			
	To transfer the Control Fee. Quarter balance at Feb. 29-1916 to the Control Journal Deft. 1000.55			
31	<u>Accounts Payable</u>	1447	17065.94	17065.94
	<u>Journal Deft. Currents</u>			
	To transfer the above Control Fee. Quarter balance at Feb. 29, 1916. to the Control Journal Deft.			
3	<u>Journal Deft. %</u>		17065.94	
337	Journal Deft. Currents	1448	456.91	456.91
	<u>Chemical</u>			
	To transfer the Journal Deft. balance standing in the following list at Feb. 29, 1916. to the Control Journal Deft.			
	To Port. Control & General Exp. 181		295.00	
	To Port. Adams Exp. 157		294.06	
	To Port. Deft. Currents 217		863.4	
	To Port. Deft. Control 185		157.21	
	To Port. Laboratory 171		78.10	
185	Control Deft. Currents	1449	9084.55	9084.55
	<u>Accounts Receivable</u>			
	To transfer the Control Fee. Quarter balance standing in the Control Deft. account at Feb. 29-16. to the Control Journal Deft.			
	To Port. Control Deft. 9084.55			
185	Control Deft. Currents	1450	11897.0	11897.0
	<u>Accounts Payable</u>			
	To transfer the Control Fee. Quarter balance standing in the Control Deft. account at Feb. 29, 1916. to Control Journal Deft.			
	To Port. Control Deft. 11897.0			

Orange, N. J. March 31, 1916

1	Chemical	1451	144760.95	144760.95
	<u>Control Deft. Currents</u>			
	To transfer the following balance at Feb. 29-1916. in the Control Deft. books to the Control Journal Deft.			
201	Phone Assembly, Control		145164.51	
181	Port. & Adams		157.157	
157	Adams & Adams		226.74	
171	Control Laboratory		78.69.85	
213	Electrical Deft. Currents	1452	122.97	122.97
	<u>Threats Electric</u>			
	To transfer the balance of Threats Electric, Inc. % at Feb. 29, 1916. from Electrical Deft. Books to the Control Journal Deft.			
31	<u>Accounts Payable</u>	1453	12649.63	12649.63
	<u>Electrical Deft. Currents</u>			
	To transfer the Control Fee. Quarter balance in the following % at Feb. 29, 1916. to the Control Journal Deft.			
3	<u>Electrical Deft.</u>		12649.63	
213	Electrical Deft. Currents	1454	8615.75	8615.75
	<u>Accounts Receivable</u>			
	To transfer the Control Fee. Quarter balance of the following account at Feb. 29-16. to the Control Journal Deft.			
	To Port. Electrical Deft. 8615.75			
31	<u>Accounts Payable</u>	1455	5139.85	5139.85
	<u>Control Deft. Currents</u>			
	To transfer the Control Fee. Quarter balance at Feb. 29-1916. to the Control Journal Deft.			
3	<u>Control Deft.</u>		5139.85	

Orange, N. J. March 31, 1916.

24	Balance Brought Over	1436	1737.07	
	accounts Receivable	1	1737.07	
	To transfer the balance from the Balance at February 29, 1916 to the General Ledger	Balance Mch. 31, 1916	1737.07	
25	Balance Brought Over	1457	2657.1	
	General	1	2657.1	
	To transfer the following balances on the Balance Brought Over at Feb. 29, 1916 to the General Ledger	Balance Mch. 31, 1916	2657.1	
	Edw. & M. Co. 181		98.06	
	Thos. A. Edwards Inc. 151		167.45	
183	Balance Brought Over	1458	345.00	
	Edw. & M. Co. 181		345.00	
	To transfer the balance of machinery equipment purchased direct by the Edw. & M. Co. during March 1916		345.00	
151	Balance Brought Over	1459	187.05	
	Edw. & M. Co. 181		187.05	
	To transfer the above amount in order to bring the Edw. & M. Co. 181 account to zero into complete control with their equipment to at March 31, 1916.		187.05	
31	accounts Payable	1460	35604.25	
	Delaware Power Co. 183		35604.25	
	To transfer the balance from the Balance at Feb. 29, 1916 in above account to the General Ledger	Balance Mch. 31, 1916	35604.25	
233	Delaware Power Co.	1461	45536.77	
	accounts Receivable	1	45536.77	
	To transfer the balance from the Balance at Feb. 29, 1916 in above account to the General Ledger	Balance Mch. 31, 1916	45536.77	

Orange, N. J. March 31, 1916.

233	Delaware Power Co.	1462	1564	
	General	1	1564	
	To transfer the following balances of Feb. 29, 1916 from the Delaware Power Co. to the General Ledger	Balance Mch. 31, 1916	1564	
	Thos. A. Edwards Inc. 151		24	
201	Delaware Power Co.	1463	3774.05	
	General	1	3774.05	
	To transfer the balance standing on Delaware Power Co. at Feb. 29, 1916 in the following to the General Ledger	Balance Mch. 31, 1916	3774.05	
	Edw. & M. Co. 183		267.561	
	Thos. A. Edwards Inc. 151		281.42	
	Edw. & M. Co. 181		159.02	
31	accounts Payable	1464	456562.77	
	Delaware Power Co. 201		456562.77	
	To transfer the balance from the Balance at Feb. 29, 1916 to the General Ledger	Balance Mch. 31, 1916	456562.77	
01	Delaware Power Co.		456562.77	
201	Delaware Power Co.	1465	117890.14	
	accounts Receivable	1	117890.14	
	To transfer the balance from the Balance at Feb. 29, 1916 to the General Ledger	Balance Mch. 31, 1916	117890.14	
31	accounts Payable	1466	111105.14	
	Edw. & M. Co. 181		111105.14	
	To transfer the balance from the Balance at Feb. 29, 1916 to the General Ledger	Balance Mch. 31, 1916	111105.14	
01	Edw. & M. Co.		111105.14	

Orange, N. J. March 31<sup>st</sup> 1916.

181	Bank of America	1437	1443.25	1443.25
	Amount of Receipts	1		
	To transfer the United Nat. Bank balance at Feb. 29, 1916, to the following account to the United Nat. Bank			
	United Nat. Bank	1438	10727.68	10727.68
	Bank of America	181		
	To transfer the following balance of Feb. 29, 1916, from the United Nat. Bank to the United Nat. Bank			
151	United Nat. Bank		10727.68	
171	United Nat. Bank		1622.96	
135	United Nat. Bank		1152.65	

235	Manufacturing Expenses	1469	450.00	450.00
	Seconded Labor	61		
	To set up as reserve on estimate of loss for year 1916, based upon 1915, amount paid. The above amount covers reserve for month of March, 1916.			

235	Manufacturing Expenses	1470	456.55	456.55
	Seconded Labor	61		
	To charge Manufacturing Expenses with above amount representing percentage for month of March, 1916, transferred to account for account			

333	Work in Process	1471	1056.75	1056.75
	Work in Process	333		
	To credit Cash & Bk. account with above amount, representing cost of prod. & being left, amount for above, which will clearing month 1916.			
10	Photograph	1056.75	1056.75	
41	1st Right	@ 105.00	649.50	
60	2nd	@ 105.00	11.00	
165	3rd	@ 105.00	222.75	
5	4th	@ 105.00	6.75	
60	Other	@ 105.00	10.00	
11	5th	@ 105.00	66.90	

Orange, N. J. March 31<sup>st</sup> 1916

321	Reserve for Insurance	1472	31.20	31.20
	Deferred Charges	107		

To charge Reserve for Insurance with above amount, representing cash paid out of Insurance Reserve Fund. (See Fund Co.) as per following details.

Work ending Mar. 6, 1916	7.80
13 - 1916	7.80
20 - 1916	7.80
27 - 1916	7.80

Joseph Rynga 31.20

321	Sales	1473	193649.70	193649.70
	Work in Process	333		

To charge Sales with above amount as same covers materials delivered to various Eaton House, etc. Divisions and which was credited to Sales. As this material is only transferred, it should not have been credited as a sale.

201	Cash	11204	11204	
11	Photograph	121420.56	121420.56	
10	1st Right	73.47	73.47	
11	2nd	941.23	941.23	
12	3rd	—	—	
13	4th	—	—	
14	5th	—	—	
15	6th	—	—	
16	7th	—	—	
17	8th	—	—	
18	9th	—	—	
19	10th	—	—	
20	11th	—	—	
21	12th	—	—	
22	13th	—	—	
23	14th	—	—	
24	15th	—	—	
25	16th	—	—	
26	17th	—	—	
27	18th	—	—	
28	19th	—	—	
29	20th	—	—	
30	21st	—	—	
31	22nd	—	—	
32	23rd	—	—	
33	24th	—	—	
34	25th	—	—	
35	26th	—	—	
36	27th	—	—	
37	28th	—	—	
38	29th	—	—	
39	30th	—	—	
40	31st	—	—	

321	Work in Process	1474	438240.72	438240.72
	Work in Process	333		

To transfer above amount representing E. P. Work. Dept. Charges against E. P. Work. Credit during month of March 1916 as per following details.

10	Photograph	432437	432437	
11	1st Right	20.33	20.33	
12	2nd	54.53	54.53	
13	3rd	29.10	29.10	

Orange, N. J. March 1916

1 Accounts Receivable	1475	67117.86	
<i>Balance</i>			67117.86

To transfer amount of Analysis of Sales  
as of March 31<sup>st</sup> 1916.

Materials & Supplies	2099.91	1471
Manufacturing Expense	1044.73	545
Income Surplus	5894.24	
Work in Process	2087.77	333
Sales	66592.91	337

84 Income Surplus	1476	5991.4	
<i>Expense</i>			5991.4

To charge Income Surplus and Credit  
Mfg. Expense with above amount representing  
charges rendered for interest earned during  
month of March 1916

81 Accounts Payable	1477	1743	
<i>Accounts Receivable</i>			1743

To transfer the above amount from the  
account of T. A. Edison, Inc. Plant in the  
Accounts Receivable Ledger to the account  
of T. A. Edison, Inc. Carbons Plant in the  
Accounts Payable Ledger.

T. A. Edison, Carbons Pl. 1743 T. A. Edison, Inc. Pl. 1743

81 Accounts Payable	1478	347.89	
<i>Accounts Receivable</i>			347.89

To transfer above amount from the  
Accts. Pay. Ledger to Accts. Pay. Ledger.T. A. Edison, Lab. 347.82 T. A. Edison, Lab. 347.82  
Edison Chemicals Lks. .07 Edison Chemicals Lks. .07

Orange, N. J. March 1916

1 Accounts Receivable	1479	461915.88	
<i>Accounts Receivable</i>			461915.88

To transfer the above amount representing  
balances standing in various Division  
accounts of Thomas A. Edison, Inc. at March 31<sup>st</sup> 1916  
to the Credit Account.

1 Thomas A. Edison, Inc. Credit	461915.88		
<i>Trade Mfg. Div.</i>			176.29
<i>Chemical Div.</i>			194.26
<i>Musicals Photo.</i>			429248.60
<i>Motion Picture</i>			305655
<i>Dictating Mach.</i>			29167.81
<i>Carbons</i>			2130
<i>Disc. Record</i>			1127.20
<i>Cylinder</i>			273.54
<i>Recording</i>			75
<i>Draws Studio</i>			1308
<i>Wart Room</i>			15.24

81 Accounts Payable	1470	1771.72	
<i>Accounts Payable</i>			1771.72

To transfer the above amount representing  
balances standing in various Divisions of  
Thomas A. Edison, Inc. at March 31<sup>st</sup> 1916  
to the Credit Account.

Thomas A. Edison, Inc. Credit	1771.72		
<i>Disc Record Div.</i>			31.34
<i>Cylinder</i>			37.43
<i>Dictating Mach.</i>			1207
<i>Motion Picture</i>			1397
<i>Musicals Photo.</i>			25375
<i>Advertising</i>			1127.36
<i>Wart &amp; Room</i>			1177.4
<i>Bates Mfg.</i>			25
<i>Disc Mined</i>			206.25



Orange N.J. March 1916

1	1481	147 175 46	
1	Accounts Receivable	147 175 46	

To transfer following amounts representing  
balances standing in the accounts below  
at Mar. 31 1916 to the General Ledger.

131 Thomas A. Edison Inc. Contract 145327.76 N.E. Co. Contract  
135 Edison Storage Battery Co. 1200 to Est. Mtr. Bst. Co.

31	Accounts Payable	1472	1070 97
	1070 97		

To transfer above amount representing  
balance as of Feb. 29 1916 to the  
General Ledger.

Thomas A. Edison Inc. Contract 9098.24 131.  
Edison Storage Battery Co. 8037.27 135.

111	Bank & Mch. Bk. Acct.	1473	25
	Accounts Payable	31	25

To transfer the above amount to the  
Contract Dept. Ledger.

	Lincoln Products Co.	25	25
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1	1474	39641 34	
1	Materials & Supplies	39641 34	

To transfer that part of Analyses of Purchases  
covered by Raw Materials Transfers as of Mar. 31 1916.

975	Manufacturing Expense	3957 40	
333	Work in Process	35682 10	
141	Materials & Supplies	1 84	

Orange N.J. March 31 1916

975	Mfg. Expense	1475	941
	Work in Process	333	941

To transfer that part of Analyses of Purchases  
covered by Raw Material Transfers as of Mar. 31 1916.

1	1476	637 530 49	
1	Accounts Payable	31	612 657 98
	Pay Roll	305	24 872 51

To transfer amount of Analyses of Purchases  
as of March 31 1916.

975	Manufacturing Expense	38 011 58	
71	Administration	12 041 05	
971	Equipment	19 729 22	
121	Depreciation Expense of Equipment	4738 10	
65	Unclaimed Wages	60 51	
921	Reserve for Insurance	811 83	
317	Post Expense	775 88	
211	Income	2314 14	
253	Interest	1142 15	
141	Materials & Supplies	67929 66	
333	Work in Process	518958 67	
31	Accounts Payable	79369	

213	Insurance Reserve Fund	1477	867 83
91	Cash	427495 20	

	1478	42836 303	
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To transfer Analyses of Cash Receipts as of  
March 31 1916.

	Latimer Dept. Current Advances	185	118 35
	Issue	337	112 5
	Bank & Mch.	131	49 59
	Transfer	✓	1871 53
	Reserve for Insurance	321	56 00
	Notes Receivable	235	101 791
	Accounts Receivable	1	420 812 94
	Accounts Payable	31	1405 76

Orange, N.J. March 31, 1916

1	Surplus	1455	413323.09	
	Cash		41355376	
	Guaranty Rec. Fund		3120	
	Insurance Surplus		38.3	
To transfer the surplus of Cash				
Disbursements as of March 31, 1916				
18	Adm. Dept. Curr. Account		79,365.93	
37	Fund		50,452.79	
18	Cash Maint.		470.25	
37	Power Dept.		30,765.50	
18	Building		11,755.51	
37	Auto Maint.		3,690.65	
18	Electrician		1,891.53	
37	Transportation		242,107.63	
31	Accounts Payable		38.12	
31	Payroll		23,510.00	

2	Accounts Payable	1454	7767.04	
	Payroll	305	2417.04	
To transfer the balance of Payroll %				
from the Company Credit, to the				
Credit General Fund				
2	Payroll	375.00		

18	Cash Dept. Fund Invest.		542.05	
18	Thomas A. Edison Inc. Bond	1490	201140.98	
	Cash Dept. Investment	151	24482.43	

To transfer Current Advances and Fund  
Investments balance on E. P. M. Bond with  
Cash & Maint. Service Div. as of March 31, 1916  
to Thomas A. Edison, Inc. Bond.

18	Edison Storage Battery Co.	1491	2307.54	
	Thos. A. Edison Inc. Bond	151	2307.54	
To transfer from Thos. A. Edison Inc. Bond to				
Edison Storage Battery Co. the above amount which				
represents duplicate charge on transfer of Feb. 29, 1916				
and transfer of Mar. 31, 1916 in connection with				
Bond & Maint. Service Div. Current Adv. Acct.				

Orange, N.J. March 31, 1916

1	Accounts Receivable	1492	3.00	
	Thos. A. Edison Inc. Bond	151	19.00	
To transfer the above amount to				
balance Thos. A. Edison Inc. Bond				
to in the % Cash Ledger				
1	Thos. A. Edison Inc. Bond	1500		
31	Accounts Payable	1493	6171.16	
	Thos. A. Edison Inc. Bond	151	6173.16	
To transfer the above amount from				
the Cash Dept. Ledger to Thos. A. Edison				
Inc. Bond in the General Ledger				
3	Thos. A. Edison Inc. Bond	1493.16		

18	Cash Dept. Investment	1494	1839.07	
	Cash Dept. Investment	151	1839.07	
To transfer the balance of Equipment				
purchased direct by Cash Dept. during				
March, 1916				

37	Fund Dept. Fund Investment	1495	923.10	
	Fund Dept. Curr. Account	37	923.10	
To transfer the balance of Equipment				
purchased direct by Cash Dept. during				
March, 1916				

61	Accrued Taxes	1496	456.55	
	Manufacturing Expense	275	456.55	

To cancel March 1916 Journal Entry # 1490  
on account of balance at Feb. 29, 1916 of  
\$3,177.50 in Taxes Accrued account having  
been transferred at Feb. 29, 1916 to  
Profit & Loss.

71	Administrative Expense	1497	5444.70	
	Amortization of Equipment	15	5444.70	

To 15% amortization on book value of Machinery  
& Equipment for month of March, 1916

Orange N.J. March 31<sup>st</sup> 1916

## 71 Administrative Expense

# 1498

Amalgamation of Buildings 79

1855.72

1855.72

To 5% amalgamation on \$405,376.57 valuation of concrete buildings and 10% amalgamation on 20,000.00 valuation of frame buildings as per book figures at March 31<sup>st</sup> 1916

## 71 Administrative Expense

# 1499

Accrued interest on Bonds 69

600.00

600.00

To charge administrative expense + credit accrued interest on bonds with above amount representing interest charge for month of March 1916 on 5% Gold Bonds.

## 65 Accrued Pay Roll

# 1500

Manufacturing Expense 235  
Work in Process 333

1378.79

675.03  
703.76

To charge Accrued Pay Roll + credit Mfg. Exp. + Work in Process with above amount in connection with Pay 24 1916 J.S. & 14445.6

Photograph 10  
Rep. Minutes 87  
Auto. Num. Machines 189  
Cabinet 207  
Sundry Post Cards 91  
Misc. Orders 128  
Nickel Plating 152

589.73  
1476  
1370  
1300  
2000  
5347  
1710

## 51 Cash &amp; Cash Equivalents

# 1501

Accounted Receivables 1

239.12

239.12

To transfer the above amount from the State Rev. Ledger to the N. J. State Cash & Cash Equivalents

Cash &amp; Cash Equivalents 451

239.12

Orange N.J. March 31<sup>st</sup> 1916

## 74 Manufacturing Expense

1503

Income Expenses 261

599.24

599.24

To cancel J.E. 1476 as this amount should not have been transferred until February 29<sup>th</sup> 1917.

## 15 Cash &amp; Cash Equivalents

1503

Cash &amp; Cash Equivalents 151

119.70

119.70

To transfer the above amount, representing income in January, not previously transferred.

## 74 Manufacturing Expense

1504

Interest 265

1142.15

1142.15

To transfer the interest charges for the month of March 1916

## 151 Cash &amp; Cash Equivalents

1505

Accrued Payroll 1

237.08

237.08

To transfer the March 31<sup>st</sup> balance standing in the Expense Division from the Contra the Co. Ledger to the N. J. State Rev. General Ledger.  
73 paid N. J. State Rev. Div. 0

Orange N.J. April 30, 1916.

<u>Surplus</u>		1506	373 48.52
Cash	97		373 48.52
Income Surplus	741		753.97
Net Income Fund	363		315.00
<u>To transfer the Analysis of Cash</u>			
<u>Disbursements for the month of April</u>			
1. Cal. Dist. Curr. Dr. 135.123			
2. Cash	43.7106		
3. Cash to Main	31.23997		
4. Cash to Main	4220.77		
5. Main	9.532		
6. Main to Main	9.6705		
7. Main	3749.95		
8. Cash to Main	1450.76		
9. Main	118.41		
10. Main	8000.00		
11. Main	24.85523		
12. Accounts Payable	137.316.99		
13. Accounts Payable	5.55		
14. Cash			
15. Main			

Surplus  
To transfer the Analysis of Cash  
Receipts for the month of April 1916

Cash	38.5118
Cash to Main	392.0711
Main	7000.0099
Cash to Main	1920.761
Main	22.79321
Main	212.4031
Main	311.432.40.1

<u>Surplus</u>		1507	370 50.632
Cash	97		371 48.95
Income Surplus	741		753.97
Net Income Fund	363		315.00

Surplus  
To transfer the current balance of the  
current balance of the current balance  
from the books of the current balance  
to the current balance of April 29, 1916.

1. Cash	135.123
2. Cash	43.7106
3. Cash	31.23997
4. Cash	4220.77
5. Cash	9.532
6. Cash	9.6705
7. Cash	3749.95
8. Cash	1450.76
9. Cash	118.41
10. Cash	8000.00
11. Cash	24.85523
12. Cash	137.316.99
13. Cash	5.55

Orange N.J. April 30, 1916.

<u>Surplus</u>		1509	452 16.697
Cash	97		452 16.697
Income Surplus	741		753.97
Net Income Fund	363		315.00
<u>To transfer the Accounts Payable</u>			
<u>Balance standing in the following</u>			
<u>Apr. at March 31, 1916 to the current</u>			
<u>General Ledger</u>			
1. P. Atty. Gen. 135.123			
2. P. Atty. Gen. 135.123			
3. P. Atty. Gen. 135.123			
4. P. Atty. Gen. 135.123			
5. P. Atty. Gen. 135.123			
6. P. Atty. Gen. 135.123			
7. P. Atty. Gen. 135.123			
8. P. Atty. Gen. 135.123			
9. P. Atty. Gen. 135.123			
10. P. Atty. Gen. 135.123			
11. P. Atty. Gen. 135.123			
12. P. Atty. Gen. 135.123			
13. P. Atty. Gen. 135.123			
14. P. Atty. Gen. 135.123			
15. P. Atty. Gen. 135.123			
16. P. Atty. Gen. 135.123			
17. P. Atty. Gen. 135.123			
18. P. Atty. Gen. 135.123			
19. P. Atty. Gen. 135.123			
20. P. Atty. Gen. 135.123			
21. P. Atty. Gen. 135.123			
22. P. Atty. Gen. 135.123			
23. P. Atty. Gen. 135.123			
24. P. Atty. Gen. 135.123			
25. P. Atty. Gen. 135.123			
26. P. Atty. Gen. 135.123			
27. P. Atty. Gen. 135.123			
28. P. Atty. Gen. 135.123			
29. P. Atty. Gen. 135.123			
30. P. Atty. Gen. 135.123			
31. P. Atty. Gen. 135.123			

<u>Surplus</u>		1510	198 64.55
Cash	97		198 64.55
Income Surplus	741		753.97
Net Income Fund	363		315.00
<u>To transfer the current balance</u>			
<u>standing in the following Apr. at March</u>			
<u>31, 1916 to the current General Ledger</u>			
<u>to the current General Ledger</u>			
1. P. Atty. Gen. 135.123			
2. P. Atty. Gen. 135.123			
3. P. Atty. Gen. 135.123			
4. P. Atty. Gen. 135.123			
5. P. Atty. Gen. 135.123			
6. P. Atty. Gen. 135.123			
7. P. Atty. Gen. 135.123			
8. P. Atty. Gen. 135.123			
9. P. Atty. Gen. 135.123			
10. P. Atty. Gen. 135.123			
11. P. Atty. Gen. 135.123			
12. P. Atty. Gen. 135.123			
13. P. Atty. Gen. 135.123			
14. P. Atty. Gen. 135.123			
15. P. Atty. Gen. 135.123			
16. P. Atty. Gen. 135.123			
17. P. Atty. Gen. 135.123			
18. P. Atty. Gen. 135.123			
19. P. Atty. Gen. 135.123			
20. P. Atty. Gen. 135.123			
21. P. Atty. Gen. 135.123			
22. P. Atty. Gen. 135.123			
23. P. Atty. Gen. 135.123			
24. P. Atty. Gen. 135.123			
25. P. Atty. Gen. 135.123			
26. P. Atty. Gen. 135.123			
27. P. Atty. Gen. 135.123			
28. P. Atty. Gen. 135.123			
29. P. Atty. Gen. 135.123			
30. P. Atty. Gen. 135.123			
31. P. Atty. Gen. 135.123			

<u>Surplus</u>		1511	374.00
Cash	97		374.00
Income Surplus	741		753.97
Net Income Fund	363		315.00

Surplus  
To transfer the current balance of the  
current balance of the current balance  
from the books of the current balance  
to the current balance of April 29, 1916.

<u>Surplus</u>		1512	1165.72
Cash	97		1165.72
Income Surplus	741		753.97
Net Income Fund	363		315.00
<u>To transfer the current balance</u>			
<u>standing in the following Apr. at March</u>			
<u>31, 1916 to the current General Ledger</u>			
<u>to the current General Ledger</u>			
1. P. Atty. Gen. 135.123			
2. P. Atty. Gen. 135.123			
3. P. Atty. Gen. 135.123			
4. P. Atty. Gen. 135.123			
5. P. Atty. Gen. 135.123			
6. P. Atty. Gen. 135.123			
7. P. Atty. Gen. 135.123			
8. P. Atty. Gen. 135.123			
9. P. Atty. Gen. 135.123			
10. P. Atty. Gen. 135.123			
11. P. Atty. Gen. 135.123			
12. P. Atty. Gen. 135.123			
13. P. Atty. Gen. 135.123			
14. P. Atty. Gen. 135.123			
15. P. Atty. Gen. 135.123			
16. P. Atty. Gen. 135.123			
17. P. Atty. Gen. 135.123			
18. P. Atty. Gen. 135.123			
19. P. Atty. Gen. 135.123			
20. P. Atty. Gen. 135.123			
21. P. Atty. Gen. 135.123			
22. P. Atty. Gen. 135.123			
23. P. Atty. Gen. 135.123			
24. P. Atty. Gen. 135.123			
25. P. Atty. Gen. 135.123			
26. P. Atty. Gen. 135.123			
27. P. Atty. Gen. 135.123			
28. P. Atty. Gen. 135.123			
29. P. Atty. Gen. 135.123			
30. P. Atty. Gen. 135.123			
31. P. Atty. Gen. 135.123			







Orange Rf April 30, 1916

211 <u>Phone Lines Direct Exp.</u>	1540	7,133.41	
<u>Phone Lines Bureau, Apr. 30</u>		2,133.31	
To transfer the valuation of Mch. Exp. Equipment purchased direct by the Phone Lines Dept. during April, 1916.			
221 <u>Submarine Cable Expenses</u>	1541	7,898.	
<u>Submarine Cable Bureau, Apr. 30</u>		7,898.	
To transfer the valuation of equipment purchased by Submarine Assembly Dept. during April, 1916.			
231 <u>Cables Dept. Direct Exp.</u>	1542	141,098	
<u>Cables Dept. Bureau, Apr. 30</u>		141,098	
To transfer the valuation of equipment purchased by Cables Dept. during April, 1916.			
241 <u>Administrative Expenses</u>	1543	1,557.20	
<u>Admin. Exp. Bureau, Apr. 30</u>		1,557.20	
To cover 5% amortization on 4405, 374, 57, valuation of Bureau Buildings, and 10% on 20,000 valuation of Admin. Buildings, as per book figures as April 30, 1916.			
251 <u>Administrative Expenses</u>	1544	600.00	
<u>Admin. Exp. Bureau, Apr. 30</u>		600.00	
To transfer the admin. amount, representing, Cash, for month of April 1916, on 5% Cash Bonds.			
261 <u>Administrative Expenses</u>	1545	5,453.61	
<u>Admin. Exp. Bureau, Apr. 30</u>		5,453.61	
To cover 15% amortization on book value of Machinery Exp. equipment for month of April, 1916.			
271 <u>Electric Dept. Direct Exp.</u>	1546	5,168.	
<u>Electric Dept. Bureau, Apr. 30</u>		5,168.	
To transfer the valuation of Mch. Exp. equipment purchased direct by Electric Dept. during the month of April, 1916.			

Orange Rf May 31, 1916

355 <u>Telephone Lines Direct Exp.</u>	1747	233,759.	
<u>Telephone Lines Bureau, Apr. 30</u>		233,759.	
To transfer the valuation of Machinery Exp. equipment taken over by Telephone Assembly Dept. as per their inventory of May 31, 1916.			
361 <u>Manufacturing Expenses</u>	1548	3896.	
<u>Telephone Lines Bureau, Apr. 30</u>		3896.	
To transfer the amount of depreciation on Mch. Exp. Equip. retained by Telephone Assembly Dept. as per their inventory of May 31, 1916.			
351 <u>Telephone Lines Bureau, Apr. 30</u>	1549	37,423.99	
<u>Telephone Lines Bureau, Apr. 30</u>		37,423.99	
To transfer the valuation of Materials on hand, as in process, on Telephone Assembly Dept. as per their inventory of April 30, 1916.			
361 <u>Manufacturing Expenses</u>	1550	1,557.20	
<u>Manufacturing Bureau, Apr. 30</u>		1,557.20	
To transfer the amount of depreciation on Mch. Exp. Equip. retained by Telephone Assembly Dept. as per their inventory of May 31, 1916.			
371 <u>Administrative Expenses</u>	1551	575.00	
<u>Administrative Bureau, Apr. 30</u>		575.00	
To transfer the amount of cash advanced to Mr. C. B. Emory during March, 1916.			
381 <u>Telephone Lines Bureau, Apr. 30</u>	1552	3900.	
<u>Telephone Lines Bureau, Apr. 30</u>		3900.	
To transfer the amount of cash paid out of the Cash Fund (Expend. Fund) as per the following detail:			
For Payroll May 2, 1916	7.80		
	8		
	16		
	22		
	29		



Orange N.J. May 3, 1916

Woburn N. J. June 22, 1916

1773

72896

72896

Orange Payable 31

To transfer the balance standing in the following N. J. to the N. J. of Woburn Assembly Plant

72896, Standard Ore Co. B.

Woburn N. J. June 22, 1916

1774

14606367

14606367

Orange Payable

To transfer the above amount as per actual Co. authority attached to original of this entry.

108,508.93 - 72896, Standard Ore Co. B.  
37,251.71 - 72896, Standard Ore Co. B.

Woburn N. J. June 22, 1916

1775

14606367

14606367

Orange Payable

To transfer the balance of Cash Receipts as of May 3, 1916.

266.92 Cash, N. J. June 22, 1916  
135.94 Cash, N. J. June 22, 1916  
200.00 Subique 233  
2,055.22 Accounts Payable 31  
399,311.08 Receivable 1  
2,026.11 Cash Transfer 1  
25.07 Cash, N. J. June 22, 1916  
145.59 Unclaimed Wages 65

Woburn N. J. June 22, 1916

1776

5250

5250

Accounts Payable

To transfer the above amount from the above Plant N. J. to the Standard Ore Co. representing balance at May 3, 1916.  
To Standard Ore Co. - 5250 - 72896, Standard Ore Co. B.

Woburn N. J. June 22, 1916

1777

14606367

14606367

Accounts Payable

To transfer that part of balance of Subique owned by New Material Transfer, at May 3, 1916.

Orange N.J. May 3, 1916

Woburn N. J. June 22, 1916

1778

38782067

38782067

Cash

77

Income Tax, Standard Ore Co. B.

Income Tax, Standard Ore Co. B.

To transfer the balance of Cash

Receipts as of May 3, 1916.

105,667.42 Cash, N. J. June 22, 1916

337 Woburn N. J. June 22, 1916

18 Cash, N. J. June 22, 1916

27 Subique 39232

23 Subique 25,573.01

201 N. J. June 22, 1916

23 Subique 320077

23 Subique 3,071.64

Cash Transfer 2,026.11

31 Pay Roll 25,444.03

1 Accounts Payable 77.65

31 " Payable 77,149.37

Woburn N. J. June 22, 1916

1779

50084450

50084450

Pay Roll

31

Accounts Payable

To transfer the balance of Cash Receipts as of May 3, 1916.

105,667.42 Cash, N. J. June 22, 1916

23 Subique 39232

23 Subique 25,573.01

201 N. J. June 22, 1916

23 Subique 320077

23 Subique 3,071.64

Cash Transfer 2,026.11

31 Pay Roll 25,444.03

1 Accounts Payable 77.65

31 " Payable 77,149.37

Woburn N. J. June 22, 1916

1780

50084450

50084450

Pay Roll

31

Accounts Payable

To transfer the balance of Cash Receipts as of May 3, 1916.

105,667.42 Cash, N. J. June 22, 1916

23 Subique 39232

23 Subique 25,573.01

201 N. J. June 22, 1916

23 Subique 320077

23 Subique 3,071.64

Cash Transfer 2,026.11

31 Pay Roll 25,444.03

1 Accounts Payable 77.65

31 " Payable 77,149.37

Orange N.J. May 3, 1916.

331 June 1st Gen. Acc. 1561

Transfer

I transfer the following balance, as of  
Apr. 30, 1916, to the Central General Ledger.  
450.37 Const. & Maint. Gen. Acc. 151  
10.39 R. & P. Office, Lark 171  
304.71 R. & P. Office, Lark 151

27 June 1st Gen. Acc. 1562

Transfer

I transfer the following balance, as of  
Apr. 30, 1916, to the Central General Ledger.  
360.18 Const. & Maint. Gen. Acc. 151  
171 Electrical Dept. 213  
126.13 R. & P. Office, Lark 151

18 June 1st Gen. Acc. 1563

Transfer

I transfer the following balance, as of  
Apr. 30, 1916, to the Central General Ledger.  
1012.5 Const. & Maint. Gen. Acc. 151  
2301.11 R. & P. Office, Lark 171  
212.34 R. & P. Office, Lark 151

1 June 1st Gen. Acc. 1564

Transfer

I transfer the following balance, as of  
Apr. 30, 1916, to the Central General Ledger.  
992.41  
151 R. & P. Office, Lark 171  
151 R. & P. Office, Lark 151  
151 R. & P. Office, Lark 151  
151 R. & P. Office, Lark 151

21 June 1st Gen. Acc. 1565

Transfer

I transfer the following balance, as of  
Apr. 30, 1916, to the Central General Ledger.  
1116.18 Const. & Maint. Gen. Acc. 151  
1116.18 Const. & Maint. Gen. Acc. 151  
74.50 R. & P. Office, Lark 171  
2702.81 R. & P. Office, Lark 151  
255.29 R. & P. Office, Lark 151

355.10

355.10

355.52

355.52

3080.15

3080.15

700.11

700.11

1149690.53

1149690.53

Orange N.J. May 3, 1916.

1 June 1st Gen. Acc. 1566

35371.46

35371.46

I transfer the balance standing on the  
following as of Apr. 30, 1916, to the Central  
General Ledger.  
151 R. & P. Office, Lark 171  
171 R. & P. Office, Lark 151  
151 R. & P. Office, Lark 151

31 June 1st Gen. Acc. 1567

406434.27

406434.27

I transfer the following balance, as of  
Apr. 30, 1916, from the Central General  
Ledger to the Central General Ledger.  
O. June 1st Gen. Acc. 1566 35371.46  
O. Const. & Maint. 151 151  
O. R. & P. Office, Lark 171 171  
O. R. & P. Office, Lark 151 151  
O. R. & P. Office, Lark 151 151  
O. R. & P. Office, Lark 151 151  
O. R. & P. Office, Lark 151 151  
O. R. & P. Office, Lark 151 151

1 June 1st Gen. Acc. 1568

1145727.36

1145727.36

I transfer the following balance, as of  
Apr. 30, 1916, from the Central General  
Ledger to the Central General Ledger.  
331 June 1st Gen. Acc. 1567 406434.27  
151 R. & P. Office, Lark 171 171  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151  
151 R. & P. Office, Lark 151 151

1 June 1st Gen. Acc. 1569

490

490

I transfer the above amount, due  
to erroneous posting of June 1st Gen. Acc.  
to the Central General Ledger (Const.)  
to R. & P. Office, Lark 171 171  
to R. & P. Office, Lark 151 151

Orange 7/2 May 3, 1946

✓ Income 1570Accounts Receivable

To transfer the following balances as of May 3, 1946, to the Central General Ledger.

151 Paul Quinn, Inc.	2,175.24	Paul Quinn, Inc.	✓
135 E. J. Jones & Co.	1,987.91	E. J. Jones & Co.	✓
141 The O'Brien Co.	2,112.50	The O'Brien Co.	✓

31 Accounts Payable 1571Income

To transfer the following balances as of May 3, 1946, to the Central General Ledger.

1 Paul Quinn, Inc.	2,175.24	Paul Quinn, Inc.	151
1 E. J. Jones & Co.	1,987.91	E. J. Jones & Co.	135
3 The O'Brien Co.	2,112.50	The O'Brien Co.	141

31 Accounts Payable 1572Accounts Payable

To transfer the following balances as of May 3, 1946, to the Central General Ledger.

25,233.63	The O'Brien Co.	✓
-----------	-----------------	---

1 Mfg. Inc. Dr. Bury Bldg.

192.22

1 Disc Recd.

279.56

1 Exp.

24.24

1 Dist. Mch.

53.91

1 Mfg. Inc.

12.41

1 Annual Trns.

6.51

1 Exp. to City.

1001.47

1 The O'Brien Co.

54.21

1 Cashier's Hq.

1.50

1 Dist. Mch.

216.85

1 Const. Mchnt.

24,115.45

1 Export

76.8

31 Accounts Payable 1573Accounts Payable

To transfer the above amount, representing each item of May 10, 1946, erroneously posted to The O'Brien Laboratory Co., instead of The O'Brien Carbonic Plant.

1 Mfg. Inc. Laboratory 76.00 Mfg. Inc. Carbonic Plant

Orange 7/2 May 3, 1946

1 Accounts Receivable 1574Accounts Receivable

To transfer the following balances as of May 3, 1946, to the Controlling Accounts of Thomas C. Edison, Inc.

✓ Paul Quinn, Inc. Dr. Bldg. 417,020.13

21,711.13 Paul Quinn, Inc. Dr. Bldg. Dr. Bldg.

2,175.24 Export

261.25 Dr. Bldg.

355,596.21 Annual Trns.

1,025.47 Mfg. Inc.

27,693.00 Dist. Mch.

41.27 Cashier's Hq.

16.52 Dr. Bldg.

1,612.14 Dist. Mch.

81.24 Exp.

1.25 Dr. Bldg.

87.58 Dr. Bldg.

24.30 Paul Quinn, Inc.

715.69 Dist. Mch.

777.91 Const. Mchnt.

31 Work In Process 1575Work In Process

To credit Packing & Boring with above amount, representing cost of packing & boring, dictating & sharing Mch. sold during May, 1946.

10 Kinograph 106,962

To Dist. Mch. 0.135 = 175.00

To Dr. Bldg. 76.85

To Dr. Bldg. 6.90

To Dr. Bldg. 156.50

To Dr. Bldg. 24.97

31 Accounts Receivable 1576Accounts Receivable

To transfer 15% amortizing value on book value of Machinery & Equipment for the month of May, 1946.

Orange T.J. May 3, 1916.

1) Administrative Expenses 1777

Conceptual Buildings 79  
 To transfer to administrative exp. Sep. 21, 1915.  
 calculations of Bureau of Landings, etc.  
 10% on \$20,000 calculation of Bureau land-  
 ings for the month of May, 1916.

1) Administrative Expenses 1578

Services 581.07 91  
 To transfer the balance of Sales for  
 the month of May 1916.  
 " 1933.88 Manufacturing Expenses 978  
 " 2215.16 Material " Supplies 481  
 " 1448.80 Personal Expenses 761  
 " 1267.15 Work for Charge 533  
 555.51 91 Sales 327

3) Packing Expenses 1379

Work for Charge 339  
 To credit Packing Expenses with above  
 amount, representing cost of packing  
 the living Dickson & Shaving Machine  
 sold during May, 1916.

10) Photograph 1073.52

Cost of Living 214  
 500 Shaving Machine, a 125 = 675.00  
 7 Framing " " = 95.50  
 5 Shaving " " = 10.50  
 15 Shaving " " = 186.30  
 57 Gen. Serv. Machine " = 29.7  
 70 Shaving " " = 15 = 76.50

11) Manufacturing Expenses 1780

Accumulated 61  
 To set up reserve, an estimate of same for 1916  
 fixed upon current fund during 1915. The  
 amount above reserve for April & May  
 at the end of 1915 is 1000.

11) Administrative Expenses 1581

Accumulated on Bonds 69  
 To transfer the above amount representing  
 interest for May 1916, on \$140.54 Bond Bonds.

Orange T.J. May 3, 1916.

32) Sales

Work for Charge #1582 118 879.59  
 333 118 879.59

To charge Sales of above amount, no more  
 cross National returned to various  
 other types, and which were credited to  
 Sales. As this material was only  
 transferred, it should not have been  
 considered as a sale.

20) Photograph 5068.75 Div. Trans. Cash 219  
 4) Photograph 112797.45 " Photo. 133  
 124) Mail Order 17.32 " Mail Order 131  
 184) Auto. Hunt. Machs 98532 " A. H. M. 195  
 118 879.59

21) Insurance Reserve Fund #1583 58.81  
Reserve for Insurance 321 58.81

To correct error in posting Interest to  
 Insurance Reserve Fund instead of  
 Reserve for Insurance.

21) Insurance Reserve Fund #1584 58.81  
Cash 97 58.81

To correct error in Cash Summary for  
 month of December 1915

97) Cash #1585 200  
Insurance Reserve Fund 263 200

To correct error in Cash Summary for  
 month of December 1915

333) Work in Process #1586 1069.62  
Work in Process 333 1069.62

To cancel May 1916 Journal Entry #1575 on  
 account of error in extension. It is #1579.  
 To charge P. H. with above amount representing  
 cost of packing & living Dick. Machs. and  
 Shaving Machine sold during May 1916

214) Packing & Shipping 1069.62 Photograph 10

Orange, N.J. May 31, 1916

333 Work in Process # 1557 331 023 05  
 Work in Process 333 331 023 05

To transfer above amount representing  
 E. P. Wicks Department's charges against  
 E. P. Wicks' Control during May 1916 as per  
 following detail

133 Div. Transf. Mono 325.947.51 Phonograph 10  
 237 " " Org. Kents 76.50 Org. Kents. 87  
 149 " " Black Appl. 36.81 Black Appl. 33  
 195 " " Cust. Hand. Mach. 495.12 Cust. Hand. Mach. 189  
 27 " " Bates Mache 49.81 Bates Mache 24  
 381 023 05

31 Accounts Payable # 1588  
 E. P. Wicks, Transf. 185  
 To transfer above amount from the Borchert  
 Accounts Payable ledger to Borchert Dept's  
 Accounts Payable ledger, covering following  
 items in the account of M. Borchert,  
 T.M. credit # 144872 - \$20.00, Cash # 402.22

M. Borchert \$ 523.22

355 Reproduction Cust. Dept.  
 Cust. Investments # 1599  
 Reproduction Cust. Dept.  
 Current Advances 351

To transfer value of Mach. & Equipment  
 purchased direct by Reproduction Cust. Dept.  
 during May 1916

317 Jewel Dept. Cust. Investments # 1590  
 Jewel Dept. Current Adv. 337

To transfer value of Machinery & Equipment  
 purchased direct by Jewel Dept. during  
 May 1916

321 Bates Hand. Mach. Dept.  
 Cust. Investments # 1584  
 Bates Hand. Mach. Dept.  
 Current Advances 317

To transfer value of Mach. & Equipment purchased  
 direct by Bates Hand. Mach. Dept. during May 1916

Orange, N.J. May - 1916

211 Mono Cust. Dept.  
 Cust. Investments # 1592  
 Mono Cust. Dept.  
 Current Advances 201 802.56 802.56

To transfer value of Machinery & Equipment  
 purchased direct by Mono Cust. Dept.  
 during May 1916

195 Lab. Dept. Cust. Investments # 1593  
 Lab. Dept. Current Adv. 185 630.46 630.46

To transfer value of Machinery & Equipment  
 purchased direct by Lab. Dept. during  
 May 1916

Orange, N. J. June 30 - 1916

1 Accounts Receivable	\$ 1594.	324 009 21	
<u>Summaries</u>		✓	324 009 21.
To transfer the analysis of sales for the month of June 1916.			
180.26	Manufacturing Expense	275.	
119.81	Materials & Supplies	141	
132.47	Income	261	
302.10	Work in Process	333	
322.944.57	Sales	321	

<u>Summaries</u>	\$ 1595	370 260 15	
Accounts Payable	31	303 867 13	
Pay Roll	305	66 393 02	
To transfer the Analysis of Purchases for the month of June 1916.			

141 Materials & Supplies	67 073.50	
275 Manufacturing Expense	35 290.05	
83 Auto. Maint. Mch. Royalty	658.50	
113 Dep. expense of Buildings	65.00	
121 " " Equipment	10.75	
271 Equipment	9640.04	
321 Rent for Insurance	568.32	
71 Administration Expense	10,814.20	
255 Interest	1904.28	
317 Rent expense	848.60	
261 Income	1001.50	
31 Accounts Payable	6411.05	
333 Work in Process	244,518.20	

<u>Summaries</u>	\$ 1596	49 230 25	
Materials & Supplies	141	49 230 25	
To transfer that part of the Analysis of Purchases covered by the Raw Materials transfer as of June 30 <sup>th</sup> 1916			
275 Manufacturing Expense	44518.26		
333 Work in Process	44711.99		

Orange, N. J. June 30 - 1916

31 Accounts Payable	\$ 1594	393 679 17	
<u>Summaries</u>		✓	393 679 17
To transfer the balances standing in the following accounts as of May 31, 1916 to the General General Ledger			

P. Elect. Dept.	2590.01	Elect. Dept. Gen. Acc.	243
P. Appls. Assly Dept.	86 60.03	Appls. Assly	351
P. Dybogue	37 477 23	Dybogue	233
P. Cabinet	1622.40	Cab. Dept.	115
P. Jewee	948.04	Jewee	337
P. Phone Assly	256.61	Phone Assly	201
P. Bates Mfg. Dept.	4472.94	Bates Mfg. Dept.	217

<u>Summaries</u>	\$ 1595	123 720 53	
Accounts Receivable	1	123 720 53	
To transfer following balances as of May 31, 1916 to the General General Ledger			

243 Elect. Dept. Gen. Acc.	2272	Elect. Dept.	29
217 Bates	2233.20	Bates & Mach. Dept.	21
233 Dybogue	1579	Dybogue	27
115 Cab.	4412.87	Cabinet	34
337 Jewee	406.28	Jewee	26
201 Phone Assly	16,183.67	Phone Assly	30

217 Bates & Mach. Dept. Gen. Acc.	\$ 1599	141 791	
Thos. A. Edison Inc. Contract	151	141 791	
To transfer the balance standing in the account of Thos. A. Edison Inc. from Bates Dept. to the General General Ledger.			

337 Jewee Dept. Gen. Acc.	\$ 1600	959 02	
<u>Summaries</u>		✓	959 02
To transfer the following balances as of May 31, 1916 from Jewee Dept. to the General General Ledger			

958.05	Thos. A. Edison Inc.	151
11.25	" " " "	171
10.28	E. H. Bates & Mach. Gen. Acc.	217

Orange, N. J. June 30<sup>th</sup> 1916

✓ <u>Surplus</u>	\$ 1601	33540	33540
Elect. Dept. Gen. Accts. 243			
To transfer the following balances at May 31-1916 from Electrical Dept. to the Contract General Ledger.			
217 E. P. Wks. Bates to Mach. Dept. Gen. Accts.	100		
337 " Jewell Dept. " "	22.29		
151 Thomas A. Edison, Inc.	922.75		
171 " " " Ratty.	12.25		
351 Reps. Acctg. Dept. Gen. Accts.	\$ 1602	21396.56	21396.56
✓ <u>Surplus</u>			
To transfer the following balances as of May 31 <sup>st</sup> 1916 from Reps. Acctg. Dept. books to the Contract General Ledger.			
20 429.88 E. P. Wks. Jewell Dept. Gen. Accts.	337		
912.52 Thomas A. Edison, Inc.	151		
5.80 " " " Ratty.	171		
201 Phono. Acctg. Dept. Gen. Accts.	\$ 1603	19293.67	19293.67
✓ <u>Surplus</u>			
To transfer the following balances at May 31-16 from E. P. Wks. Phono. Acctg. Dept. to the Contract General Ledger.			
2607.10 Thomas A. Edison, Inc.	151		
36.97 E. P. Wks. Elect. Dept. Gen. Accts.	243		
141.403.36 " Reps. Acctg.	351		
2245.94 Edison Storage Battery Co.	135		
✓ <u>Surplus</u>	\$ 1604	147392.41	147392.41
To transfer the following balances at May 31-1916 from the Cash Dept. books to the Contract General Ledger.			
201 E. P. Wks. Phono. Acctg. Dept. Gen. Accts.	150 791.96		
171 Thomas A. Edison, Ratty.	1073.88		
151 " " " Inc.	2325.79		
135 Edison Storage Battery Co.	15		

Orange, N. J. June 30<sup>th</sup> 1916

151 Thomas A. Edison, Inc.	\$ 1605	12.10	12.10
Dischargeable Gen. Accts. 233			
To transfer the above amount representing balance standing in account of Thomas A. Edison, Inc. on Dischargeable books at May 31-1916			
151 Cash & Maint. Dept. Gen. Accts.	\$ 1606	1793.20	1793.20
Thomas A. Edison, Inc. 151			
To transfer the balances standing in the accounts of Thomas A. Edison, Inc. Dischargeable on the books of E. P. Wks. Cash & Maint. Dept. at May 31-1916			
151 Thomas A. Edison, Inc.	\$ 1607	2110.48	2404.98
Cash & Maint. Dept. Gen. Accts. 151			
To transfer the current advance balance of Cash & Maint. Dept. as of June 30-1916			
✓ <u>Surplus</u>	\$ 1608	425276.07	425151.12
Cash	97		62.88
Insurance Sp. Fund	263		62.07
Income Tax Fund	261		
To transfer the Analysis of Cash Disbursements as of June 30 <sup>th</sup> 1916			
155 Balance Dept. Current Advances	90733.95		
337 Jewell " " "	23,311.41		
217 Bates " " "	5,206.71		
233 Dischargeable " " "	42,162.44		
201 Phono. Acctg. " " "	15,009.84		
240 Electrical " " "	3,998.10		
351 Reps. Acctg. " " "	5,766.47		
Cash Transfers	1711.68		
303 Pay Roll	57,837.04		
217 Notes Payable	16,000.00		
255 Interest	284.47		
31 Accounts Payable	163,349.76		

Orange, N. J. June 1916

97 Cash	#1009	407981.16	
263 Indiana Res. Fund		631.50	
<u>Sendings</u>		408112.66	
To transfer the Analysis of Cash Receipts as of June 30 <sup>th</sup> 1916			
1293.28 Cabinet Dept. Current Advances	185		
3011.25 Invent	337		
5.23 Electrical	243		
631.40 Accounts Payable	31		
101173.33 Receivable	1		
1711.68 Cash Transfer			
31.50 Reserve for Insurance	321		
71 Administrative Expense	#1610	600.00	
Accrued Interest on Bonds	69	600.00	
To transfer the above amount, representing interest charge on U.S. Gov. 5% Gold Bonds for the month of June 1916			
275 Manufacturing Expense	#1611	115000	
Accrued Taxes	61	45000	
To transfer the above amount, representing the estimated reserve for accrued taxes during June 1916			
71 Administrative Expense	#1612	590895	
Amortization of Machinery & Equip.	75	590895	
To transfer 15% amortization on the book value of Machinery & Equipment for the month of June 1916			
71 Administrative Expense	#1613	1871.06	
Amortization of Buildings	79	1871.06	
To 5% amortization on 409,244.50 valuation of Bldgs. owned buildings, and 10% on 20,000.00 valuation of B. P. Ws. frame buildings for the month of June 1916			

Orange, N. J. June 30 - 1916

333 Work in Process	#1614	410.53	
Work in Process	333	410.53	
To credit Packing & Boxing with the cost of packing and heavy Dictating & Shaving machines sold by the Report Division of Thomas A. Edison, Inc. during June 1916			
10 Phonograph	110.53 Packing & Boxing	241	
25 Dict. Machs. @ \$1.35 ea.		33.75	
2 Transcribing Machs. 1.35		2.70	
8 open frame Shavers. .51		4.08	
333 Work in Process	#1615	732.87	
Work in Process	333	732.87	
To credit Packing & Boxing with above amount representing cost of packing and boxing Dictating & Shaving Machines sold during the month of June 1916 by Thomas A. Edison, Inc. Dictating Division.			
10 Phonograph	732.87 Packing & Boxing	241	
25 Dict. Machs. @ 1.35 ea.		33.75	
200 Transcribing	1.35	270.00	
6 Transcribes	1.35	8.10	
22 Open frame Shavers	.51	11.22	
66 Steel Shavers	.85	56.10	
321 Reserve for Insurance	#1616	31.20	
Deferred Charges	107	31.20	
To transfer the above amount representing cash paid out of Insurance Reserve Fund during June 1916, as per following detail.			
June 5-1916 Joseph Raylen		7.50	
13-1916		7.50	
19-1916		7.50	
26-1916		7.50	
		31.20	



Orange, N. J. June 30-1916

275 Manufacturing Expense # 1617 2188.95  
Interest Account 255 2188.95

To transfer the Interest Accruing charges  
for the month of June 1916

1 Accounts Receivable 1618 341.51  
Accounts Receivable 1 341.51  
To transfer the 1/2 of the balance shown  
on the 1/2 of the Ed. Story Station Co.  
as of June 30, 1916.  
V. Ed. Story Station Co. 341.51 Ed. Story Station Co. 341.51

1 Accounts Receivable 1619 3126.50  
Accounts Receivable 1 3126.50

To transfer the balance standing in  
the various divisions of McEwen, Inc. to  
New Contracting Co. as of June 30, 1916

1 McEwen Contract Co. 3126.50  
155.51 McEwen Contracting Div. 6  
105.49 Export 9  
473.57 Prime Station 10  
281,275.57 Amos Arms 11  
1,525.53 Motion Pic. 12  
21,615.12 Dist. McKee 13  
1542 Carbolic 14  
2411 Oil & Gas 15  
2364.03 Rice Receipt 16  
146.13 Coal Receipt 17  
371.53 Brown & Davis 18  
221.50 Powell MacKinnon 19  
28.13 Rice Receipt 20  
291.50 Brown & Davis 21

1 Accounts Receivable 1620 6460.99  
Sundries 6460.99

To transfer the following balance from the  
to the Ed. Story Station Co. as of June 30, 1916.

1 Ed. Story Station Co. 6460.99  
1 Ed. Story Station Co. 6460.99  
1 Ed. Story Station Co. 6460.99  
1 Ed. Story Station Co. 6460.99

Orange, N. J. June 30, 1916

31 Accounts Payable 1621 18341.21  
Accounts Payable 31 18341.21

To transfer the balance standing in  
the various divisions of McEwen, Inc.  
to New Contracting Co. as of June 30, 1916.  
18341.21 McEwen, Inc. 18341.21

1 McEwen Contracting Co. 18341.21  
1 Rice Receipt 241.91  
1 Coal 225.51  
1 Dist. McKee 71.31  
1 Motion Pic. 11.71  
1 Amos Arms 53.31  
1 Oil & Gas 504.07  
1 Powell MacKinnon 149.41  
1 Carbolic 26.71  
1 Ed. Story Station Co. 1.31  
1 Rice Receipt 15.51  
1 Brown & Davis 17,254.63  
1 Export 7.31

31 Accounts Payable 1622 56173.28  
Sundries 56173.28

To transfer the following balance from  
the 1st Payable to the 1st Payable, as of  
June 30, 1916.

1 Ed. Story Station Co. 1,000.00  
1 McEwen Contracting Co. 7,000.00  
1 McEwen, Inc. 50,173.28

31 June Dept. 1623 19750  
June Dept. 1623 19750

To cover the valuation of equipment  
purchased since by Dept. during June 1916

113 Subique Dist. Bureau 1624 7898  
Subique Dist. Bureau 7898

To cover the valuation of equipment  
purchased since by Subique Dist. during June 1916.

113 June Dept. 1625 9500  
June Dept. 1625 9500

To cover the valuation of equipment  
purchased since by June Dept. during June 1916.



Orange N.J. July 31, 1916.

N. Lawrence Brown Fund

A7-Cash

Sundries 1637

To transfer the Analysis of Cash Receipts  
for the month of July, 1916.

1826 Cash Apts. Com. Arrears 185

1979 Mrs. Brown 761

1851 Accounts Payable 31

117435.00 Accounts Receivable 1

13,547.77 Cash Transfers

25.57 Receipts For Insurance 371

Sundries

Cash

Lawrence Brown Fund 761

Sundries 761

To transfer the Analysis of Cash Rec.  
Transferred for the month of July, 1916.

1826 Cash Apts. Com. Arrears 255,223.26

1879 June 2,501.65

1941 Dates 6,007.36

71 Mrs. Brown 5,561.10

72 Miscellaneous 1,433.83

901 Refers. Acct. 1,336.21

Cash Transfers 13,547.77

216 Pay. Rec. 76,741.75

31 Accounts Payable 12,267.31

31 Accounts Payable

Sundries

To transfer the following the Payable balance  
standing on the 31st of June 1916.

1826 Antigua Brown 5,402.66

1826 Antigua All Care 11,738

1826 Antigua 5,275.77

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

1826 Antigua 1,491.06

Orange N.J. July 31, 1916.

31 Accounts Payable

1636

Thomas Edison Inc. 151

To transfer the above amount to the  
O. Edison Inc. Musical Phon. Division  
1. Modern Electric Co. 157

1 Accounts Payable

1637

Thomas Edison Inc. 151

To transfer the above amount to the  
O. Edison Inc. Musical Phon. Division  
1. Cash Sale 76 - 5.00

151 Thomas Edison Inc.

1638

Accounts Payable 31

To transfer the above amount from  
O. Edison Inc. Musical Phon. Division  
1. Cash Sale 76 - 5.00

151 Thomas Edison Inc.

1639

Accounts Payable 31

To transfer the above amount to the  
O. Edison Inc. Musical Phon. Division  
1. Cash Sale 76 - 5.00

1826 Cash Apts. Arrears

1640

Sundries

To transfer the following balance at Sept.  
from the Cash Apts. to Cash Apts.  
1826 Mrs. A. Edison 1,491.06

301 Mrs. Brown Com. Ar.

1641

Sundries

To transfer the following balance at Sept.  
from the Cash Apts. to Cash Apts.  
1826 Mrs. A. Edison 1,491.06

301 Mrs. Brown Com. Ar.

1642

Sundries

To transfer the following balance at Sept.  
from the Cash Apts. to Cash Apts.  
1826 Mrs. A. Edison 1,491.06

Orange 27<sup>th</sup> July 31-1916

## 1. Electrical Dept. Receipts

1667

552.31

## Sundries

552.31

To transfer the balance standing in the following A/c. as June 30 1916 from the Electrical Dept. to the General Fund Ledger

1,550.55 Thomas O. Eichen, Inc. 151.  
46.51 Edison Storage Battery Co. 155.  
263.20 Thomas O. Eichen, Laboratory 171.

## 2. Patent Dept. Cash Receipts

1668

354.55

## Sundries

354.55

To transfer the balance standing in the following A/c. as June 30 1916 from the Patent Dept. to the General Fund Ledger

1,001.92 Thomas O. Eichen, Inc. 151.  
50.00 Patent Dept. Cash Receipts 171.  
30.63 " " 171.

## 3. Paper Room Cash Receipts

1669

560.13

## Sundries

560.13

To transfer the balance standing in the following A/c. as June 30 1916 from the Paper Room Dept. to the General Fund Ledger

440.07 Thomas O. Eichen, Inc. 151.  
15.55 " " 171.  
505.62 Paper Room Cash Receipts 201.

## 4. Sundries

1670

3670.734

## General Dept. Cash Receipts

3670.734

To transfer the balance standing in the following A/c. as June 30 1916 from the General Dept. to the General Fund Ledger

1,000.00 Thomas O. Eichen, Inc. 151.  
100.00 " " 171.  
135.00 Edison Storage Battery Co. 155.  
201.00 " " 171.  
100.00 " " 171.  
351.00 Paper Room 22, 23, 24, 25.

Orange 27<sup>th</sup> July 31-1916

## 1. Accounts Receivable

1671

129,922.22

## Accounts Receivable

129,922.22

To transfer the balance standing in the various divisions of this A/c. to the General Fund Ledger as of July 31 1916.

1. M. C. Eichen, General 129,922.22  
44,525.25 M. C. Eichen, General 151.  
4,661.25 " " 171.  
183.06 " " 171.  
392,715.76 " " 171.  
715.07 " " 171.  
19,715.62 " " 171.  
6,194.17 " " 171.  
210.58 " " 171.  
50.00 " " 171.  
444.90 " " 171.  
256.55 " " 171.

## 2. Accounts Receivable

1672

126.1

## Accounts Receivable

126.1

To transfer the above amount from Edison's General Fund A/c. to the General Fund Ledger

2. M. C. Eichen, General 126.1

## 3. Sundries

1673

192,545.22

## Accounts Receivable

192,545.22

To transfer the following July balance to the General Fund Ledger

135.00 Edison Storage Battery Co. 155.  
171.00 Edison Storage Battery Co. 155.  
151.00 " " 171.

## 4. Accounts Receivable

1674

76.19

## Accounts Receivable

76.19

To supplement July 31 1916 balance from above amount to the General Fund Ledger

1. M. C. Eichen, General 76.19

Orange Fl. July 31-1916

151	<u>Paul A. Edison for</u>	<u>Accounts Receivable</u>	1650	76.19	76.19
	To supplement No. 145 to transfer the above amount to the General Ledger.				
	<u>Paul A. Edison for Interest</u>				
21	<u>Administrative Expenses</u>	<u>Accrued Interest on Bonds</u>	1651	600.00	600.00
	To transfer the above amount, representing interest charges on U.S. 5% Gold Bonds for the month of July 1916.				
22	<u>Manufacturing Expenses</u>	<u>Accrued Taxes</u>	1652	1500.00	1500.00
	To transfer the above amount, representing the estimated reserves for Accrued Taxes during July 1916.				
31	<u>Power Consumption</u>	<u>Differed Charges</u>	1653	39.00	39.00
	To transfer the above amount, representing cash paid out of Powerhouse Power Fund during July 1916, as per the following account:				
	July 31st 1916 - J. D. Bayless		7.50		
	" 10 "		7.50		
	" 17 "		7.50		
	" 24 "		7.50		
	" 31 "		7.50		

1942	Conflicting Expenses	Interest Ch.	165.4	58 mls	58 mls
	To transfer the accrued internal charges during July, 1946		95.6		
1943	Administrative Expenses	Mortgage & Bonds	165.5	187.90	187.90
	To transfer the 5% amortization on 1942-32 valuation of 6,740,000 of B.W. frame buildings and 10% on 22,000.00 valuation of B.W. frame buildings for the month of July, 1946		79		

Orange Co. N. J. July 31-1916

[illegible]

Orange Ry July 31, 1916.

31 Accounts Payable	1660	35569.62	35569.62
<i>Summarized</i>			
To transfer the following balances as of July 31, 1916 to the General Ledger:			
1. To Kingsbury Co. 3,500.00; to Kingsbury Co. 85.			
2. To J. H. Co. 2,000.00; to J. H. Co. 151.			
3. To J. H. Co. 1,200.00; to J. H. Co. 151.			
31 Prepaid Insurance	1661	116.32	116.32
<i>Open during June &amp; July 1916</i>			
To transfer the valuation of equipment purchased direct by Prepaid Ins. Dept. during July 1916.			
31 Bell Dept. Paid Fund	1662	52.23	52.23
<i>Bell Dept. Gen. Account 185</i>			
To transfer the valuation of equipment purchased direct by Bell Dept. during July 1916.			
31 June Dept. Gen. Acc.	1663	2999.12	2999.12
<i>June Dept. Paid Fund 317</i>			
To transfer the amounts of depreciation applied by June Dept. during July 1916.			
31 Lobs Dept. Gen. Account	1664	1166.56	1166.56
<i>Lobs Dept. Paid Fund 779</i>			
To transfer the amounts of depreciation applied by Lobs Dept. during July 1916.			
31 Thos. Acorn Gen. Account	1665	253.44	253.44
<i>Thos. Acorn Paid Fund 711</i>			
To transfer the amounts of depreciation applied by Thos. Acorn Dept. during July 1916.			
31 Thos. Acorn Paid Fund	1666	128.62	128.62
<i>Thos. Acorn Gen. Account 701</i>			
To transfer the valuation of equipment purchased direct by the Thos. Acorn Dept. during July 1916.			

Orange Ry July 31, 1916.

31 West Dept. Gen. Account	1667	587.24	587.24
<i>West Dept. Paid Fund 30</i>			
To transfer the amounts of depreciation applied by West Dept. during July 1916.			
31 West Dept. Paid Fund	1668	69.17	69.17
<i>West Dept. Gen. Account 30</i>			
To transfer the valuation of equipment purchased direct by West Dept. during July 1916.			
31 Thos. Acorn Gen. Account	1669	21.40	21.40
<i>Accounts Payable 31</i>			
To supplement J. H. 1659.165 and transfer the above amount to the General Ledger.			
2nd J. H. Co. Ry. Building Div. 1.			
31 Accounts Payable	1669	1000.00	1000.00
<i>General Manager's Office 85</i>			
To supplement J. H. 1660.00 and transfer the above amount to the General Ledger.			
J. H. Co. Ry. Building Div. 1000.00			
31 Accounts Payable	1669	473.60	473.60
<i>Thos. Acorn Gen. Account</i>			
To supplement J. H. 1669.166 and transfer the above amount to the General Ledger.			
J. H. Co. Ry. Building Div. 1000.00			
2nd J. H. Co. Ry. Building Div. 1000.00			

Orange, N. J. August, 1916

1 Accounts Receivable	1670	680803.63	
<i>Surplus</i>			680803.63
To transfer the Analysis of Sales for month of August, 1916			
235.90 Manufacturing Expense	275		
319.22 Materials & Supplies	141		
78.17 Income Insurance	261		
30.00 Equipment	271		
3207.31 Work in Process	333		
676.143.04 Sales	327		

152 Thomas A. Edison Inc. Bonds	1671	113651.21	
Thomas A. Edison Corp. 171			113651.21

To transfer above amount representing  
over payment to T. A. Edison Inc. Bonds

152 Thomas A. Edison Inc. Bonds	1672	105.00	
Accounts Payable	31		105.00

To transfer above amount to Thomas A. Edison  
Inc. Bonds as follows.

E. Tauterwein	E		5.00
J. E. Kruppler	J		25.00
D. Larson	D		30.00

1 Surplus	1673	585525.82	
Accounts Payable	31		434321.79
Pay Roll	305		101204.03

To transfer the Analysis of Purchases for  
August, 1916.

141 Materials & Supplies		40509.08
235 Mfg. Expense		70236.44
271 Frach. & Freight		18039.17
191 Mfg. Supplies & Freight		51346.50
65 Accrued Pay Roll		12922.00
233 In Transit		12468.50
75 Rent		325.91
321 Reserve for Insurance		746.51
261 Income Insurance		3343.97
31 Accounts Payable		510.58
317 Rent Expense		2000.00
333 Work in Process		421452.13

Orange, N. J. August - 1916

1673	59674.81	
141	59674.81	
To transfer that part of Analysis of Purchase covered by transfer of raw materials during August 1916		
225 Mfg. Expense	3975.45	
333 Work in Process	53699.96	
324 Reserve for Insurance	1673	31.20
Deferred Charges	107	31.20
To transfer the above amount representing cash paid out of Insur. Reserve Fund during August 1916 as per following details:		
August 4-1916 Jos. Rygle	7.50	
" 11-1916 " "	7.50	
" 15-1916 " "	7.50	
" 25-1916 " "	7.50	
275 Manufacturing Expense	1676	45000
Accrued Taxes	61	45000
To transfer the above amount representing the estimated reserve for Accrued Taxes during August 1916		
71 Administrative Expense	1677	60000
Accrued Int. on Bonds	69	60000
To transfer above amount representing interest charges on E. P. Wks. 5% bond Bonds for the month of August 1916		
275 Manufacturing Expense	1678	1242.53
Interest Account	255	1242.53
To transfer the accrued external interest charges during August 1916		

Orange, N. J. August - 1916

71 Administrative Expense	1679	18732.7
Amortization of Bldgs	79	18732.7
To transfer 5% Amortization on 449,583.63 valuation of E. P. Wks. Concrete buildings and 10% on 20,000.00 valuation of E. P. Wks. frame buildings for month of August 1916		
71 Administrative Expense	1680	60700.4
Amortization of M. & E.	75	60700.4
To transfer 15% Amortization on book value of Machs. & Equipment for month of Aug. 1916		
71 Cash	1681	629349.51
243 Insurance Reserve Fund		48.78
Surplus		629393.59
To transfer the Analysis of Cash Receipts for the month of August - 1916		
Cabinet Dept. Current Advances	185	10220
Electrical	243	18161
Accounts Receivable	1	617446.45
Accounts Payable	31	36.90
Cash transfer	✓	11518.44
Accrued Pay Roll	65	642.2
Reserve for Insurance	321	483.78
201 Phone Rtgly. Bur. Adv.	1682	150112.54
Surplus		150112.54
To transfer the following balances as of July 31-1916 from Phone Rtgly. to the Contract General Ledger:		
E. P. Wks. Bal. to Mach. Current Advances	217	45
" Cabinet Dept.	185	149181.16
" Jewel	337	13
Thomas A. Edison, Inc.	152	930.38



Orange, N. J. August - 1916

<u>Sundries</u>	1683	646730.01	
Cash	97		635,135.77
Trans. Rep. Fund.	263		11,549.64
Income Suspense	261		4460

To transfer the Analysis of Cash Debit  
for month of August - 1916 -

185 Cabinet Dept. Current Advances	183779.02	
337 Sewer	10906.94	
217 Rates	6657.94	
233 Deshpande Assly.	785.34	
261 Phone	22398.98	
243 Electrical	15847.09	
337 Rep. Assly.	5367.40	
361 Sewer Machine	7047.81	
371 Clothing & Tool	5696.36	
303 Pay Roll	103007.63	
287 Notes Payable	7000.00	
253 Interest	29042	
69 Account Interest on Bonds	5600.00	
Cash Transfers	11518.44	
31 Accounts Payable	245326.14	

35 Republic City Bus. Adv.	1684	27659.08	
<u>Sundries</u>			27659.08

To transfer following balances as of Aug. 31-16  
from Rep. City to Central General Ledger

E. A. White, Sewer Dept.	Current Advances	337	27353.98
"	Cash	135	28.00
"	Bills to Mach.	"	92.9
"	Phone Assly.	"	164.92
"	Electrical	"	121
Thomas A. Edison, Latg.		171	31.44
Thomas A. Edison, Inc.		157	146.38

Orange, N. J. August, 1916

1 Accounts Receivable	1685	15000.00	
Notes Payable	257		15000.00

To transfer the amount of Notes Payable  
issued during the month of August 1916  
as follows -

4 Second National Bank	Aug 3-1916	5000.00	
"	" 7-1916	10000.00	

27 Central Bus. Adv.	1686	24597	
<u>Sundries</u>			24597

To transfer the following balances as  
of July 31-1916 from the Central Bus. Adv.  
to the Central General Ledger.

253.91 First Nat. Bank, Inc. 157  
103.00 Ed. Storage & Supply Co. 143

185 Cabinet Dept. Bus. Adv.	1687	33977.77	
<u>Sundries</u>			33977.77

To transfer the following balances  
as of July 31-1916 from the Cabinet  
Dept. to the Central General Ledger  
591.05 First Nat. Bank, Inc. 171  
2570.91 First Nat. Bank, Inc. 157  
278.75 Ed. Storage & Supply Co. 143

1 Sewer Dept. Bus. Adv.	1688	2567.75	
<u>Sundries</u>			2567.75

To transfer the following balances  
as of July 31-1916 from the Sewer Dept.  
to the Central General Ledger.

183.05 A. Edison, Inc. 2623.03  
135 Edison, Inc. 7.07  
17 Thomas A. Edison, Latg. 63.75

17 Manufacturing Expense	1689	290.42	
Interest on			290.42

To supplement \$290.42 as transferred  
the above amount as of Aug. 31-1916

Orange Rf. August 31-1916

1660	1660	1660
<u>Surpluses</u>	<u>Electrical Bldg Co.</u>	246.30
To transfer the following balances as of Aug 31-1916 from the Electrical Bldg Co. to the Central General Ledger.		
123.40	123.40	
151.11	151.11	
11.00	11.00	

1661	1661	1661
<u>Accounts Payable</u>	<u>Surpluses</u>	1662.52 71
To transfer the following balances from the Central General Ledger to the Central General Ledger.		
P. Dep. Am. Bldg. 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	
P. Am. " 116.25	116.25	

1662	1662	1662
<u>Accounts Receivable</u>	<u>Accounts Receivable</u>	6676.01 59
To transfer the following balances to the Co. of the Central General Ledger.		
709.55	709.55	
146.67	146.67	
339.25	339.25	
631.82	631.82	
1.55	1.55	
20.00	20.00	
234	234	
520.30	520.30	
208.79	208.79	
55.10	55.10	
207.74	207.74	
97.43	97.43	
14.29	14.29	

Orange Rf. August 31-1916

1663	1663	1663
<u>Accounts Receivable</u>	<u>Accounts Receivable</u>	8545
To transfer the above amount to the Co. of the Central General Ledger.		
8545	8545	

1664	1664	1664
<u>Surpluses</u>	<u>Accounts Receivable</u>	70272.21
To transfer the following balances as of Aug 31-1916 to the Central General Ledger.		
152.11	152.11	
11.00	11.00	
129.55	129.55	
320.05	320.05	

1665	1665	1665
<u>Accounts Payable</u>	<u>Accounts Payable</u>	15953.44
To transfer the following balances to the Co. of the Central General Ledger.		
15953.44	15953.44	
11.00	11.00	
116.25	116.25	
174.76	174.76	
110.10	110.10	
34.10	34.10	
174.69	174.69	
142.30	142.30	
37.83	37.83	
173.56	173.56	
5.21	5.21	

1666	1666	1666
<u>Surpluses</u>	<u>Accounts Payable</u>	15953.44
To transfer the following balances as of Aug 31-1916 to the Central General Ledger.		
15953.44	15953.44	
11.00	11.00	
116.25	116.25	
174.76	174.76	
110.10	110.10	
34.10	34.10	
174.69	174.69	
142.30	142.30	
37.83	37.83	
173.56	173.56	
5.21	5.21	

Orange, N.J. August 31-1916

4<sup>th</sup> Cash 1697 30000.00  
 Insurance Premiums 73  
 To transfer above amount representing  
 premium on Insurance Policy to Aug 31st  
 to Cash

33<sup>rd</sup> Cash for Process 1698 9200.95  
 Cash for Process 110  
 To transfer the above amount to assist  
 inventory of Stationery Dept. to pay  
 authority deposited to original of  
 this entry.  
 10<sup>th</sup> Homograph

33<sup>rd</sup> Accounts Payable 1699 26171.64  
 Edison Storage Battery Co.  
 To transfer the above amount to the  
 General Ledger  
 Edison Storage Battery Co. 46171.64

33<sup>rd</sup> Team Truck Dept. Cash 1700 59692.10  
 Miley Equipment 37  
 To transfer the value of Miley  
 Equipment taken over by the  
 E.W. Sewer Truck Dept. as per their  
 inventory of July 31-1916.

33<sup>rd</sup> Team Truck Dept. Cash 1701 16227.60  
 Sundries  
 To transfer the value of Stationery  
 and supplies on hand and other items  
 in the Sewer Truck Dept. as per  
 their inventory of July 31-1916.  
 1. 36.00 Stationery & Supplies  
 14922.16 Work for Process 337  
 1477.00 Homograph 16  
 195.12 Auto. Re. Truck 33

33<sup>rd</sup> Work for Process 1702 44708.95  
 Work for Process 377  
 To transfer the following as of Aug. 31-1916  
 Homograph 44708.95 Cabinet 307

Orange, N.J. August 31-1916

33<sup>rd</sup> Accounts Payable 1703 9900  
 Accounts Payable 31  
 To transfer the balance standing  
 in the following No. as Aug 31-1916  
 1. M. E. Co. Entering 800  
 12 M. E. Co. Dr. W. B. Co. 2  
 10.00 " M. E. Co. Dr. W. B. Co. 2

33<sup>rd</sup> Accounts Payable 1704 16900  
 Sundries  
 To transfer the balance standing  
 in the following No. as Aug 31-1916  
 to the General Ledger  
 1. M. E. Co. Entering 1190 M. E. Co. Dr. W. B. Co. 112  
 1. M. E. Co. Entering 5.00 " " 161  
 The above supplements of 10000

33<sup>rd</sup> Edison Storage Battery Co. 1705 12412.14  
 Edison Storage Battery Co.  
 To supplement of 10000, to transfer the  
 above amount to the General Ledger  
 12412.14 Edison Storage Battery Co.

33<sup>rd</sup> Sundries 1706 5123.65  
 Sundries  
 To transfer the value of Miley Equip.  
 purchased direct by the following  
 E.W. Department during August 1916.  
 33<sup>rd</sup> Sewer Dept. Cash 311.1 Cash Dept. Cash 44.75  
 311.10 Sewer " 311.10 Sewer " 301

33<sup>rd</sup> Sundries 1707 27277  
 Sundries  
 To transfer the amount of depreciation  
 applied by the following E.W. Dept.  
 on Miley Equip. during Aug 1916.  
 33<sup>rd</sup> Sewer Dept. Cash 29.32 Sewer Dept. Cash 29.32  
 351.10 Sewer " 115.2 Sewer " 355  
 15.31 Sewer " 37.31 Sewer " 195  
 33<sup>rd</sup> Sewer Dept. 191.31 Sewer Dept. 327

Orange Hg. August 31-1916

14) Surplus Value Dept. Contol 1708  
Surplus Value Dept. Contol 1708

To transfer the amount of expenditure applied to the Surplus Value Department on Mky. Equip. during August, 1916.

15) Surplus Value Dept. Contol 1709  
Surplus Value Dept. Contol 1709

To transfer the balance standing in Surplus Value Dept. Contol to the Aug. 31-1916 from the Surplus Value Dept. Contol.

1916 to Surplus Value Dept. Contol

16) Surplus Value Dept. Contol 1710  
Surplus Value Dept. Contol 1710

To transfer the balance standing in the following to at Aug. 31-1916 to the 16 of Thomas & Co. Inc. Contol.

3) Surplus Value Dept. Contol 1711  
Surplus Value Dept. Contol 1711

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

17) Surplus Value Dept. Contol 1712  
Surplus Value Dept. Contol 1712

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

18) Surplus Value Dept. Contol 1713  
Surplus Value Dept. Contol 1713

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

19) Surplus Value Dept. Contol 1714  
Surplus Value Dept. Contol 1714

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

20) Surplus Value Dept. Contol 1715  
Surplus Value Dept. Contol 1715

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

21) Surplus Value Dept. Contol 1716  
Surplus Value Dept. Contol 1716

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

22) Surplus Value Dept. Contol 1717  
Surplus Value Dept. Contol 1717

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

23) Surplus Value Dept. Contol 1718  
Surplus Value Dept. Contol 1718

To supplement J. C. 1916 to transfer the above amount to the Surplus Value Dept. Contol.

Orange Hg. August 31-1916

1) Surplus Value Dept. Contol 1714  
Surplus Value Dept. Contol 1714

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

2) Surplus Value Dept. Contol 1715  
Surplus Value Dept. Contol 1715

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

3) Surplus Value Dept. Contol 1716  
Surplus Value Dept. Contol 1716

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

4) Surplus Value Dept. Contol 1717  
Surplus Value Dept. Contol 1717

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

5) Surplus Value Dept. Contol 1718  
Surplus Value Dept. Contol 1718

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

6) Surplus Value Dept. Contol 1719  
Surplus Value Dept. Contol 1719

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

7) Surplus Value Dept. Contol 1720  
Surplus Value Dept. Contol 1720

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91

2,555, Mkt. Equip. (S. 1916) 128

12,931, Mkt. Equip. (S. 1916) 128

8) Surplus Value Dept. Contol 1721  
Surplus Value Dept. Contol 1721

To transfer to their proper the accumulated charges made against Surplus Value Dept. Contol for three months ending Aug. 31-1916, as per detail attached to original of this entry.

11,511.51, Surplus Value Dept. Contol 91



Orange N.Y. Sept 30. 1916.

111 Little Dept. Curr. Adv. 17.35  
 Book for Current 399

To transfer the valuation of Mark  
 for Current in the Little Dept. as  
 per their inventory of Sept. 15. 1916  
 129.98. Price Current 111  
 77.47 Proj. times 11  
 47.015.00 Holograph 10

112 Little Dept. Curr. Adv. 17.36  
 Macky Co. Equipment 71

To transfer the valuation of Macky  
 on hand in the Little Dept. as per  
 their inventory of Sept. 15. 1916  
 13.42.00  
 13.42.00  
 13.42.00  
 13.42.00  
 13.42.00  
 13.42.00

113 Book for Current 17.37  
 Macky Co. Equipment 71

To correct J.E. 71.6. 1st transfer the  
 above amount from B.O. 71.6. to  
 Macky Co. equipment (Sept. 1st 1916)  
 1. Sundry Shop Order 5.00

114 Accounts Payable 17.38  
 Accounts Receivable 7

To transfer the above amount from  
 Accounts Receivable to Accounts Payable  
 1. 11.38.00  
 1. 11.38.00  
 1. 11.38.00  
 1. 11.38.00  
 1. 11.38.00  
 1. 11.38.00

115 Accounts Payable 17.39  
 Accounts Receivable 7

To transfer the above amount as  
 per authority of D.C. Smith  
 Hon. Secy of Auger 11.38.00

Orange N.Y. Sept 30. 1916.

116 Accounts Payable 17.30  
 Accounts Receivable 7

To transfer the above amount from  
 the books of Thomas A. Edison, Inc.  
 22.79.00 Hon. Secy of Auger 7

117 Accounts Payable 17.31  
 Thomas A. Edison, Inc. 15.1

To transfer the above amount to the  
 books of Thomas A. Edison, Inc.  
 10.7.29.00

118 Accounts Payable 17.32  
 Thomas A. Edison, Inc. 15.1

To transfer the above amount from  
 E.W. Conner to Hon. Secy of Edison, Inc.  
 Conner, W. Main, Division  
 10.7.29.00  
 10.7.29.00

119 Cash for Current 17.33  
 Macky Co. Equipment 71

To transfer the valuation of Macky  
 on hand in Cash for Current as per  
 their inventory of Sept. 15. 1916

120 Cash for Current Adv. 17.34  
 Sundries 7

To transfer the valuation of Material  
 on hand in Current in Cash  
 for Current as per their inventory of  
 Sept. 15. 1916

15.15.75 Material & Shipping 141.1  
 21.29.55 Mat. for Current 233.1  
 (Holograph 21.29.55) 1.00  
 (Cash for Current 17.34) 1.00

121 Thomas A. Edison, Inc. 17.35  
 Accounts Payable 7

To transfer the above amount to Hon. Secy  
 Edison, Inc. Conner, W. Main, Division  
 2.50.00

Orange Hq. Sept. 30, 1916.

165 Japan Dept. Sundry Fund	1736	12,991.32 <sup>2</sup>	12,991.32 <sup>2</sup>
<i>Machinery &amp; Equipment 771</i>			
To transfer the valuation of Machinery & Equipment on hand in the Japan Dept. as per the Inventory of Sept. 1916.			
161 Japan Dept. Sundry Fund	1737	9757.15 <sup>2</sup>	9757.15 <sup>2</sup>
<i>Land &amp; Ice</i>			
To transfer the valuation of Materials on hand in Japan Dept. as per their Inventory of Sept. 15, 1916.			
163 Sheet Metal Sundry Fund	1738	1967.57 <sup>2</sup>	1967.57 <sup>2</sup>
<i>Machinery &amp; Equipment 771</i>			
To transfer the valuation of Machinery on hand in Sheet Metal Dept. as per their Inventory of Sept. 15, 1916.			
164 Sheet Metal Sundry Fund	1739	16,131.08 <sup>2</sup>	16,131.08 <sup>2</sup>
<i>Work In Process 333</i>			
To transfer the valuation of work in process in Sheet Metal Dept. as per their inventory of Sept. 15, 1916.			
11,131.08. Phonograph 10.			
17 Accruals Receivable	1740	251.15 <sup>2</sup>	251.15 <sup>2</sup>
<i>Accs Payable 37</i>			
To transfer the above amount to Accruals Receivable 771.			
100 Ensignment 76. 251.15. New. Sailing Co. 5.			
176 Jobbing Dept. Sundry Fund	1741	22,171.00 <sup>2</sup>	22,171.00 <sup>2</sup>
<i>Machinery &amp; Equipment 771</i>			
To transfer the valuation of Machinery & Equipment on hand in Jobbing Dept. as per their Inventory of 8.11.16.			
Jobbing Dept. 10,322.00 <sup>2</sup>			
Sundry 11,849.00 <sup>2</sup>			

Orange Hq. Sept. 30, 1916.

171 Cash & Shipping Sundry Fund	1742	659.96 <sup>2</sup>	659.96 <sup>2</sup>
<i>Machinery &amp; Equipment 771</i>			
To transfer the valuation of Machinery & Equipment on hand in the Shipping Dept. as per their Inventory of Sept. 15, 1916.			
171 Cash & Shipping Sundry Fund	1743	18,510.16 <sup>2</sup>	18,510.16 <sup>2</sup>
<i>Work In Process 333</i>			
To transfer the valuation of Work In Process in Polishing & Shipping Dept. as per their Inventory of Sept. 15, 1916.			
18,220.27 Phonograph 10			
320.19 Auto. No. Mexico 189.			
17 Accruals Receivable	1744	100,000.00 <sup>2</sup>	100,000.00 <sup>2</sup>
<i>Notes Payable 257</i>			
To transfer the amount of Notes Payable issued during Sept. 1916.			
1 Union Trade Fund 9.31.16. 25,000.00			
1 " " 9.31.16. 25,000.00			
1 " " 9.26.16. 25,000.00			
1 " " 9.27.16. 25,000.00			
333 Work In Process	1745	816.35 <sup>2</sup>	816.35 <sup>2</sup>
<i>Cash &amp; Shipping Sundry 117</i>			
To transfer the above amount representing error on Inventory of Polishing Dept. dated Sept. 15, 1916.			
11 Phonograph 816.35			
176 Sheet Dept. Sundry Fund	1746	1533.31 <sup>2</sup>	1533.31 <sup>2</sup>
<i>Work In Process 333</i>			
To supplement 16.11.16 To transfer the above adjustment covering Inventory of L.H. Cabinet Dept.			
13,231.31 Phonograph 10			
17 Accruals Receivable	1747	321.7 <sup>2</sup>	321.7 <sup>2</sup>
<i>Accounts Payable 37</i>			
To transfer the above amount as of 8.31.16.			
100 Ensignment 76. 321.7 (Estimansman) 1			

Orange N.J. Sept. 30, 1916

34 Accounts Payable 1749

✓ Credit Receivable ✓  
 To transfer the above amount as of  
 Sept. 30, 1916.

✓ At. & S. General 1824 ✓ At. & S. General ✓

✓ Credit Receivable 1749

✓ Accounts Payable ✓  
 To cancel P. O. 791st as same was  
 duplicated on Journal Entry  
 of 791st of Sept. 1916.

✓ At. & S. General 1724 ✓ At. & S. General ✓

✓ Drawings 1720

✓ Cash 97  
Balance Forward 97  
 To transfer the balance of Cash Nat.  
 accounts for the month of Sept. 1916.

✓ Notes Payable 63424.85  
 365 Payable 7918.50  
 365 Interest 15683.79  
 365 Accounts Payable 15683.79  
 365 Cash Nat. 15683.79  
 365 Jewels 4976.50  
 365 Baku 5000.00  
 365 Cash 5324.75  
 365 Chemical 4692.45  
 365 Optical 4482.30  
 365 Paper 4241.79  
 365 Sew. Mch. 7002.50  
 365 Clothing 11504.00  
 365 Upholstering 12287.75  
 365 Church Treas. 9002.50  
 365 Clothing 892.75  
 365 Cash Nat. 12400.00  
 365 Sew. Mch. 1992.50  
 365 Sew. Mch. 102.50  
 365 Sew. Mch. 3202.50  
 365 Sew. Mch. 1752.50

1824

1824

1824

1824

790 548.42

790078.19

770.03

Orange N.J. Sept. 30, 1916

77 Cash

1751

757/36.03

757/36.03

✓ Drawings ✓  
 To transfer the balance of Cash  
 Receipts for the month of Sept. 1916.

155661.50 ✓ Credit Receivable ✓

531.151.71 ✓ Accounts Payable ✓

53.69 ✓ Cash ✓

99.449.70 ✓ Cash Nat. Bank ✓

557.50 ✓ Jewels ✓

33 ✓ Drawings ✓

223

✓ Accounts Receivable 1752

68

68

✓ Accounts Receivable ✓  
 To transfer the above amount from  
 St. Chemical Works Co. to Bureau Savings  
 Society Co. as of Sept. 30, 1916.

✓ Cash Nat. Bank 155661.50 ✓ Cash Nat. Bank ✓

✓ Accounts Receivable 1753

688.638

688.638

✓ Accounts Receivable ✓  
 To transfer the balance of the various  
 divisions of St. Chemical Works Co. to  
 Bureau Savings Society Co. as of Sept. 30, 1916.

✓ Accounts Receivable 155661.50 ✓ Accounts Receivable ✓

53.69 ✓ Cash ✓

99.449.70 ✓ Cash Nat. Bank ✓

557.50 ✓ Jewels ✓

33 ✓ Drawings ✓

223

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Orange N.J. Sept. 3. 1916.

✓ <u>Sundries</u>	1753	684732.1	
To transfer the following balances, as of Sept. 3. 1916. to the General Ledger.			684732.1
W. O. Emerson Inc. 68,892.49			
Ed. Smith Lumber Co. 225.63			
Ed. Smith Lumber Co. 245.09			
✓ <u>Arith. Receipts</u>	1755	20554.49	
To transfer the balances of Material on hand in process in Book Dept. as per their inventory of 9.18.1916.			20554.49
1052.19 Material on Supplying			
20,102.30 Work in Process (Wood)			
✓ <u>Arith. Receipts</u>	1756	463079.00	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			463079.00
✓ <u>Arith. Receipts</u>	1757	2340.00	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			2340.00
✓ <u>Arith. Receipts</u>	1758	2102.00	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			2102.00
✓ <u>Arith. Receipts</u>	1759	01.00	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			01.00

Orange N.J. September 3. 1916.

✓ <u>Arith. Receipts</u>	1760	1292.52	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			1292.52
✓ <u>Arith. Receipts</u>	1761	10898.10	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			10898.10
✓ <u>Arith. Receipts</u>	1762	12976.36	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			12976.36
✓ <u>Arith. Receipts</u>	1763	4637.43	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			4637.43
✓ <u>Arith. Receipts</u>	1764	1200.50	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			1200.50
✓ <u>Arith. Receipts</u>	1765	16.40	
To transfer the balances of Machinery & Equipment on hand in Book Dept. as per their inventory of Sept. 18. 1916.			16.40

Orange N.J. September 30, 1916

## 166 Cash Dept. Current

1766

3416.54

3482.54

## Sundries

To transfer the following balances,  
as of Aug. 31, 1916, to C.W. Conrad  
General Ledger.

2949.51 Mrs. D. Edison, Inc. 184.  
5000 " Laboratory 171.  
1700.00 George Loring Co. 185.

## 711 Cash Debit Current

1767

107715.20

107715.20

## Sundries

To transfer the balances standing in  
the following No. as Aug. 31, 1916, to the  
C.W. Conrad General Ledger.

143,957.74 Cash Dept. Curr. deb. 185.  
162.14 Mrs. D. Edison, Inc. 184.  
2919.07 Geo. Loring Co. 186.  
2.08 Cash Dept. Curr. deb. 184.  
12.50 Mrs. D. Edison, Laboratory 171.

## 712 Cash Dept. Current

1768

17552.50

17552.50

## Sundries

To transfer the following balances,  
as of Aug. 31, 1916, to the C.W. Conrad  
General Ledger.

17429.74 Mrs. D. Edison, Inc. 184.  
466.70 Cash Dept. Current 185.  
6.70 " " " " 201.

## 861 Cash Debit Current

1769

10578.00

10578.00

## Sundries

To transfer the following balances,  
as of Aug. 31, 1916, to C.W. Conrad  
General Ledger.

24719.72 Cash Dept. Curr. deb. 337.  
446.00 " " " " 217.  
452.06 Mrs. D. Edison, Inc. 184.  
174.74 " Laboratory 171.  
12772.58 Mrs. Edison Curr. deb. 201.  
25 Electrical " 219.

Orange N.J. September 30, 1916

## 761 Cash Debit Current

1770

1381.00

1381.00

## Sundries

To transfer the following balances, as  
of Aug. 31, 1916, to the C.W. Conrad  
General Ledger.

30 Mrs. Edison Curr. deb. 301.  
1500.29 Mrs. D. Edison, Inc. 182.  
185.25 Cash Dept. Curr. deb. 317.  
108.29 Jewels " 337.  
11.3 Electrical " 219.  
255.77 Geo. Loring Co. 185.

## 331 Cash Dept. Current

1771

1000.00

1000.00

## Sundries

To transfer the following balances,  
as of Aug. 31, 1916, to C.W. Conrad  
General Ledger.

138 Cash Dept. Curr. deb. 317.  
450 Electrical " 219.  
104.81 Mrs. D. Edison, Inc. 182.  
10.65 " Laboratory 171.

## 31 Accounts Payable

1772

30117.93

30117.93

## Sundries

To transfer the following balances, as  
of Aug. 31, 1916, to the General Ledger.

P. Mrs. Edison Dept. 11,715.14 P. Mrs. Edison Curr. deb. 357.  
P. Cash " 2462.46 Cash Dept. " 217.  
P. Mrs. Edison " 291,711.24 Mrs. Edison " 201.  
P. Electrical " 4,158.74 Electrical " 219.  
P. Sewer Mails " 11,000.00 Sewer Mails " 361.  
P. Jewels " 753.11 Jewels " 337.  
P. Cabinet " 6,312.15 Cabinet " 185.

## 71 Amortization Expense

1773

6000.00

6000.00

## Sundries

To transfer the above amount represent-  
ing interest charged on C.W. 5% Cash  
Bonds during Sept. 1916

Orange N.J. Sept. 30, 1916

## Manufacturing Expenses 1774

To transfer the above amount, representing the action and receive for accrued taxes during Sept. 1916

## Sundries 1775

To bring the fixed investments accounts, with the various E.W. agents into agreement with their plants invest. fixed accounts as Sept. 1916

* 115 Steel Metal Bureau	757	Steel Metal Bldg. Int. Int.	119
* 115 Steel Metal	1077	Steel Metal	119
* 1101 Japanning	10830	Japanning	115
* 111 Carved Glass	2024	Carved Glass	395
* 115 Cabinet	1305	Cabinet	195
* 117 Cabinet	7450	Cabinet	777

## Sundries 1776

To transfer the balance of Machinery & Equipment purchased direct by the various E.W. agents during Sept. 1916

* 115 Steel Metal Bureau	201.06	Steel Metal Bureau	361
* 115 Building	25.12	Building	117
* 111 House Room	12.12	House Room	201
* 115 Jewel	119.29	Jewel	391
* 115 Reproduction	115.05	Reproduction	351

## Borrowings 1777

To transfer the above amount, representing direct profit charges from Sale House Sale of Borrowing to Thomas A. Edison, Inc. during Sept. 1916

## Manufacturing Expenses 1778

To transfer the interest charges accruing during September, 1916

Orange N.J. September 30, 1916

## Sundries

1779

Accounts Payable 563383.77  
Payables 305

To transfer the balance of Accounts for the month of September, 1916.

* 115 Manufacturing Expenses	16,326.54
* 115 Material Supplying	62,797.11
* 115 Administrative Expenses	11,449.70
* 117 Machinery & Equipment	32,015.19
* 117 Rep. Supp. of Equipment	96.22
* 115 Accounts Payable	443.60
* 115 Bank for Process	149,476.09
* 115 General Insurance	673.66
* 115 Buildings	27.00
* 115 Income Expenses	2,191.16

## Sundries

1780

Accounts Payable 349,950.00

To transfer that part of Accounts of Purchases proved by transfers of Raw Material during Sept. 1916.

* 115 Manufacturing Expenses	2,493.62
* 115 Bank for Process	22,432.23

## Administrative Expenses

1781

Accrued Depreciation 343,900.00

To transfer 15% amortization on book value of Machinery & Equipment for the month of Sept. 1916.

## Administrative Expenses

1782

Accrued Depreciation 19,596.00

To transfer 5% amortization on net book value of E.W. concrete buildings, and 10% amortization on 20,000.00 value of frame buildings during September, 1916.

## Accounts Payable

1783

Accounts Payable 55

To transfer the above amount, representing opening balance as of Sept. 30, 1916  
Edison Battery Co. 55 Edison Chemical Works Co.

Orange 72 Sept 30 1916.

17 Accounts Payable	1764	1765	1766
to transfer the balance standing in the following divisions of 1764 to 1765 as of Sept 30 1916. to New Broadcasting Co.	8,748.25	1765	8,748.25
J. W. Fox Printing & Engr'g	19.71		
Disc Record	420.99		
Byrd Record	152.58		
Notical Print	5.78		
Donnae Thoro	7.16		
Art. & Dig.	2,276.03		
Not. & Engr.	12.61		
Lat. & Long.	25		
Byrd Record	47		
Disc. Maint.	23.16		
Lat. & Long.	6,112.53		
Lat. & Long.	9.17		

<u>Accounts Payable</u>	1785	46270.425
<u>Summary</u>		46270.425
To transfer the following balances from the Accounts Payable to the General Ledger as of Sept. 30, 1916.		
1. McEwen Bros. 807.50	10.00	McEwen Bros.
2. " " 46271.70		Lab. 1916
3. " " 1.25		E. S. Campbell, 1915
4. " " 1.25		

1876		1877		1878		1879		1880	
1	1876	2	1877	3	1878	4	1879	5	1880
6	1876	7	1877	8	1878	9	1879	10	1880
11	1876	12	1877	13	1878	14	1879	15	1880
16	1876	17	1877	18	1878	19	1879	20	1880
21	1876	22	1877	23	1878	24	1879	25	1880
26	1876	27	1877	28	1878	29	1879	30	1880
31	1876	32	1877	33	1878	34	1879	35	1880
36	1876	37	1877	38	1878	39	1879	40	1880
41	1876	42	1877	43	1878	44	1879	45	1880
46	1876	47	1877	48	1878	49	1879	50	1880
51	1876	52	1877	53	1878	54	1879	55	1880
56	1876	57	1877	58	1878	59	1879	60	1880
61	1876	62	1877	63	1878	64	1879	65	1880
66	1876	67	1877	68	1878	69	1879	70	1880
71	1876	72	1877	73	1878	74	1879	75	1880
76	1876	77	1877	78	1878	79	1879	80	1880
81	1876	82	1877	83	1878	84	1879	85	1880
86	1876	87	1877	88	1878	89	1879	90	1880
91	1876	92	1877	93	1878	94	1879	95	1880
96	1876	97	1877	98	1878	99	1879	100	1880

Orange N.J. October 31. 1916.

170 <u>Administrative Expenses</u>	<u>Account for Oct. 1916</u>	1778	600000	600000
To transfer the interest charges on B.W. & Co Gold Bonds for the month of October, 1916.				
270 <u>Transferring Expenses</u>	<u>Account Jan. 1917</u>	1778	450000	450000
To transfer the above amount, after settling the returned papers for received & also during October, 1916.				
111 <u>Blacksmith Dept. Sub. Exp.</u>	<u>Monthly As Equipmt. 1917</u>	1779	257700	257700
To transfer the maintenance of tools and equipment on hand in Blacksmith's Dept. to per their inventory of October - 1916.				
114 <u>Blacksmith Dept. Sub. Exp.</u>	<u>Tools for Process 23d</u>	1779	274310	274310
To transfer the maintenance of tools for process in Blacksmith's Dept. as per their inventory of October, 1916.				
	<u>274310 Photograph</u>	11		
27 <u>Accounts Payable</u>	<u>Jan. Dept. Sub. Exp. 23d</u>	1771	38920	38920
To transfer the following balances from Jan. Dept. to B.W. Control.				
X <u>Southwestern Co.</u>	255			
Y <u>Whitall Tatum Co.</u>	36.09			
155 <u>Sub. Expense for</u>	<u>Auto Insurance</u>	1772	60000	60000
To transfer the above amount, as per details & authority attached to original of this entry.				
	<u>60000 Sub. Control</u>			

Orange N.Y. October 3-1916.

Manufacturing Expenses 1793

Suggested Cash 738

To credit indirect cost (H. C. & M. Co.) with above amount, 10% of the expenses made (Ref. 311) having been credited direct to Manufacturing Expenses in error.

Printing Dept. Cash 1794

Materials &amp; Supplies 111

To transfer the balance of additional materials on hand in Printing Dept. there being no supplemental to Oct. 1915.

Accounts Payable 1795

Notes Receivable 7

To transfer the above amount as of October 3-1916.

J. J. Joseph &amp; Co. 299

Accounts Receivable 1796

Notes Payable 399

To transfer the amount of Notes Payable secured during the month of October, 1916.

Second National Bank \$1,000.00

Notes Receivable 1797

Sums 129

To transfer the analysis of Sums for the month of October, 1916.

129.00 Manufacturing Expenses 738

201.00 Sums &amp; Supplies 111

21.37 Sums &amp; Supplies 261

129.00 Book for Sums 338

69.10 9th Sales 378

Sums 1798

Notes Receivable 2

To transfer the following Notes Receivable as of Oct. 3-1916. To the General Ledger.

J. J. Joseph &amp; Co. 211.00 Sums &amp; Supplies 261

111.00 Sums &amp; Supplies 261

Orange N.Y. October 3-1916.

Sums 1799

Cash 261

To transfer the analysis of Sums for the month of October, 1916.

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

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31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261

31.00 Sums &amp; Supplies 261



Orange Tj. October 31-1916

Summaries	1808	190657.19	190657.19
E. H. H. Cash Dept. Gen. Accts. 185			
To transfer the following balances at Sept. 30-1916 from Cash Dept. to Cashier General Ledger:			
152 T. A. Edison, Inc.	1683.35		
171 " " " " " "	493.25		
135 Edison Storage Battery Co.	16.80		
201 Phone Ass'y. Dept. Gen. Accts.	192.702.59		
331 Reg'd. " " " "	142.00		

Summaries	1809	5630976	5630976
Phone Ass'y. Dept. Gen. Accts. 351			
To transfer the following balances at Sept. 30-1916 from Phone Ass'y. Dept. to Cashier General Ledger:			
152 Phon. A. Edison, Inc.	624.66		
371 Jolting + Tool Dept. Gen. Accts.	7.21		
201 Phon. Ass'y. " " "	36.944.88		
203 Electric " " "	5.00		
171 Phon. A. Edison, Ldg.	21.35		

109 E. H. H. Sheet Metal Dept. Gen. Accts.	1810	1567	1567
Summaries			
To transfer the following balances at Sept. 30-1916 from Sheet Metal Dept. to Cashier General Ledger:			
.22 Phon. A. Edison, Inc.	152		
15.45 Jolting + Tool Dept. Gen. Accts.	371		

401 E. H. H. Japan Dept. Gen. Accts.	1811	47440	47440
Summaries			
To transfer the following balances at Sept. 30-1916 from Japan Dept. to Cashier General Ledger:			
1.20 Phon. A. Edison, Inc.	152		
46.20 Jolting + Tool Dept. Gen. Accts.	371		

Orange Tj. October 31-1916

381 E. H. H. Lath Dept. Gen. Accts.	1812	144408	144408
Summaries			
To transfer the following balances at Sept. 30-1916 from Lath Dept. to Cashier General Ledger:			
20.41 Phon. A. Edison, Ldg.	171		
2.61 " " " " " "	152		
42.1.06 Jolting + Tool Dept. Gen. Accts.	371		

431 E. H. H. Mech. Ass'y. Dept. Gen. Accts.	1813	7124	7124
Summaries			
To transfer the following balances at Sept. 30-1916 from Mech. Ass'y. Dept. to Cashier General Ledger:			
1.50 Phon. A. Edison, Inc.	152		
69.74 Jolting + Tool Dept. Gen. Accts.	371		

447 E. H. H. Mt. Buff. Dept. Gen. Accts.	1814	139	139
Summaries			
To transfer the following balances at Sept. 30-1916 from Mt. Buff. Dept. to Cashier General Ledger:			
.60 Phon. A. Edison, Inc.	152		
.79 Jolting + Tool Dept. Gen. Accts.	371		

435 E. H. H. Drive Base Dept. Gen. Accts.	1815	86074	86074
Summaries			
To transfer the following balances at Sept. 30-1916 from Drive Base Dept. to Cashier General Ledger:			
.30 Phon. A. Edison, Inc.	152		
860.44 Jolting + Tool Dept. Gen. Accts.	371		

361 E. H. H. Sound Mach. Dept. Gen. Accts.	1816	137720	137720
Summaries			
To transfer the following balances at Sept. 30-1916 from Sound Mach. Dept. to Cashier General Ledger:			
1825.02 Phon. A. Edison, Inc.	152		
195.54 Jolting + Tool Dept. Gen. Accts.	371		
37.74 Electric Dept. " " "	203		
7.52 Phon. A. Edison, Ldg.	171		
601.40 Edison Storage Battery Co.	155		

Orange, Tex. October 31, 1916.

Sundries		1817	92.10°	92.10°
To transfer the following balances at Sept. 30, 1916 from Black Dept. to Contra General Ledger.				
152 Thos. A. Edison, Inc.	144.95°			
371 Volting & Tool Dept. Gen. Acc.	12.12°			
135 Edison Storage Battery Co.	85.62°			
171 Thos. A. Edison, Inc.	20.57°			
201 E. P. H. Photo. Ass'ty. Dept. Gen. Acc.	1818	217,456.66°		
To transfer following balances at Sept. 30, 1916 from Photo. Ass'ty. Dept. to Contra General Ledger.				
211,079.48	Thos. A. Edison, Inc.	152°		
6,173.14	Edison Storage Battery Co.	135°		
3.54	Volting & Tool Dept. Gen. Acc.	371°		
.50	Thos. A. Edison, Inc.	171°		
371 E. P. H. Photo. Ass'ty. Dept. Gen. Acc.	3819	518.98°		
To transfer following balances at Sept. 30, 1916 from Volting & Tool Dept. to Contra General Ledger.				
2311.50	Thos. A. Edison, Inc.	152°		
.13	Edison Storage Battery Co.	135°		
15.79	Thos. A. Edison, Inc.	171°		
1503.66	United News Dept. Gen. Acc.	391°		
3.02	Volting Dept.	" " 423°		
171 Thomas A. Edison, Inc.	1820	1692.10°		
Accounts Payable 32				
To transfer the following balances to the account of Thomas A. Edison, Inc.				
Mr. Chas. Edison	217.41°	C.		
Mr. Thomas A. Edison	1474.69°	M.		

Orange, Tex. October 31, 1916.

Sundries		1821	784°	173.30.1°
Accounts Payable 32				
Pay Roll 305				
To transfer the balances of Purchase for the month of October 1916				
141 Materials & Supplies	20,617.52°			
276 Manufacturing Expens.	5,111.55°			
71 Administration "	11,024.69°			
247 Machy. & Equipment	4,597.86°			
121 Dep. Exp. of Machy. & Equipmt.	647.57°			
65 Accrued Pay Roll	14.57°			
255 Interest	276.92°			
321 Reserve for Insurance	676.15°			
261 Income Statement	6792.94°			
32 Accounts Payable	2,137.91°			
334 Work in Process	747,011.08°			
32 Accounts Payable	1822	226,129.16°		
Accounts Payable 32				
To transfer balances standing in Thomas A. Edison, Inc. Division to the Contra Account as of Oct. 31, 1916				
Thos. A. Edison, Inc.	7	226,129.16°		
1 Primary Bat. Dev		1473.		
1 Disc Record "		180.93°		
1 Expander "		211.47°		
1 Disc Mach.		113°		
1 Motion Picture		2.86°		
1 Amusement Photo.		205,866.88°		
1 Advertising		3990°		
1 Ware & Resin		1425°		
1 Disc Mould		423°		
1 Conch. & Mould		17,330.41°		
1 Export		11.01°		



Orange Ry. October 31, 1916

32 Accounts Payable 1823 812 172 45  
 Sundries 812 172 45

To transfer the balance standing in the following accounts in the A/c. Payable Ledger to the General Ledger as of Oct 31, 1916

1 W. E. Edson, Inc. 202,159.97 W. E. Edson, Inc. 152.5  
 2. . . . . Lasty, 8,692.58 . . . . . Lasty, 171.  
 3. Edson Storage & Drilling Co. 319,700 Edson M. Bldg. Co. 135.

Sundries 1824 774 46  
 Sundries 774 46

To bring the Fixed Investment Accounts of the following Departments in to correct with the Plant Investment Account as of Oct 31, 1916

\* 201 Phone Acctg. C. A. 30.34 Phone Acctg. Fixed Inv. 211.  
 \* 337 Jewels Dept. 130.96 Jewels Dept. . . . 347.  
 \* 361 Screw Mach. 429.12 Screw Mach. . . . 365.  
 \* 351 Parts Dept. 124.84 Parts Dept. . . . 385.  
 \* 391 Punch Press 46.47 Punch Press . . . 395.  
 \* 109 Blacksmith 4.67 Blacksmith . . . 111.

Sundries 1825 8628 35  
 Sundries 8628 35

To transfer the valuation of additional Machinery Equipment purchased direct by the following Departments during Oct. 1916.

\* 185 East Dept. Fix. Inv. 1553.90 East Dept. C. A. 185.  
 \* 227 Bldg. 295.13 Bldg. . . . 217.  
 \* 253 Black 16.14 Black . . . . 243.  
 \* 355 Open Acctg. 14.49 Open Acctg. . . . 351.  
 \* 405 Japanning 151.43 Japanning . . . 401.  
 \* 413 Steel Metal 925.29 Steel Metal . . . 409.  
 \* 421 Polishing 279.96 Polishing . . . 417.  
 \* 429 Mech. Acctg. 140.89 Mech. Acctg. . . 427.  
 \* 425 Plating 756.45 Plating . . . 423.  
 \* 457 Drill Press 1505.67 Drill Press . . . 435.  
 \* 375 Jotting & Tool 298.98 Jotting & Tool . . 371.

October 31, 1916

76 Manufacturing Expenses 1826 276 92  
 Interest Account 255 276 92

To transfer the interest charges accrued during October 1916

71 Administrative Expenses 1827 71 895  
 Investigating Buildings 79 71 895

To cover 5% amortization on 222,000.00 value of E. & W. concrete buildings and 10% amortization on 20,000.00 value of frame buildings for the month of October 1916.

71 Administrative Expenses 1828 3460 90  
 Asset Fixed Equip. 3460 90

To cover 15% amortization in book value of Machinery & Equipment at October 31, 1916.

Orange, N.J. November 30-1916.

2 Accounts Receivable	# 1829	✓ 453,490.32	453,490.32
<i>Sundry</i>			
To transfer the analysis of sales for the month of November 1916			
Manufacturing Expense	276		18511.
Materials & Supplies	141		535.
Machinery & Equipment	271		5000.
Work in Process	334		491.
Sales	327		455244.95

2 Accounts Receivable	# 1830	✓ 467,171.32	467,171.32
<i>Sales</i>	327		
To supplement E. #1829 and transfer the secondary summary of the analysis of sales for November-1916.			

91 Cash	# 1831	694,579.30	
261 Income Surplus		1491.	
<i>Sundry</i>	✓		
To transfer the analysis of Cash Receipts for the month of November-1916			694,594.24

Accounts Payable	32	690,566.27	
Accounts Receivable	2	588,634.	
Accrued Pay Roll	65	6538.	
Bank Dep't. Gen. Adv.	185	4969.	
Jan	337	145.	
Phone. Acctg.	201	2491.	

✓ <i>Sundry</i>	# 1832	✓ 142.10	142.10
<i>Accounts Receivable</i>	2		
To transfer the following Accts. Receivable balance at Nov 29 1916 to General Ledger.			

135 Edison Storage Bat. Co.	62.91 Edison Storage Bat. Co.	2.
171 I.A. Edison. Latg.	79.19 I.A. Edison. Latg.	3.

Orange, N.J. November 30-1916.

✓ <i>Sundry</i>	# 1833	728,601.89	728,601.89
<i>To Cash</i>	91		
Income Surplus	261		727,939.80
To transfer the analysis of Cash Disbursements for month of November 1916.			1222.09

32 Accounts Payable	237,654.17	
305 Pay Roll	9,233.88	
185 Bank Dep't. Current Acct.	185,661.62	
337 Jan	114,637.17	
217 Water & Mach.	5,714.83	
381 Lads. Dep't.	26,892.50	
201 Phone Acctg.	29,833.17	
243 Electrical	7,083.48	
351 Reps. Acctg.	5,274.81	
361 Screw Mach.	9,594.91	
371 Clothing & Trd.	16,094.15	
401 Tapping	8,690.07	
374 Punch Press	4,884.59	
423 Paving Dept.	4,994.21	
417 Washing	13,529.57	
427 Mech. Acctg.	9,832.75	
481 Phone. Repair	734.72	
109 Blacksmith	902.99	
405 Drice Press	12,912.13	
409 Sheet Metal	13,927.77	

2 Accounts Receivable	# 1834	917,452.31	917,452.31
<i>Accounts Receivable</i>	2		
To transfer the following balances at Nov 29-16 from various divisions to this A. Edison Inc. Cont.			
7 Thos. A. Edison Inc. Cont.	917,452.31		
3379.75 T.A. & Inc. Bat. Secing Rev.	6		
1222.59	Expert	9	
43.19	Alarm Battery	10	
819,432.16	Musical Phon.	11	
496.03	Motion Picture	12	
90430.09	Dictating Mach.	13	
106.21	Disc Record	14	
24.23	Exp.	15	
109.31	Ware & Repair	23	
241.60	Disc Moved	31	
32.85	Brush-Mans	32	

Orange, N.J. November 30-1916

152 *Thos. A. Edison Inc.* #1835 917/15977<sup>2</sup>  
*Accounts Receivable* 2 917/15977<sup>2</sup>  
 To transfer the following balance at November  
 30, 1916 to the General Ledger.

917/15977<sup>2</sup> *Thos. A. Edison Inc. Section 7*

✓ *Surplus* #1836 425,521.19<sup>2</sup>  
*Accounts Payable* 32 415,363.58  
*Pay Roll* 305 10,157.61<sup>2</sup>  
 To transfer the balance of Purchase for  
 the month of November, 1916

144 Material & Supplies 13,337.17<sup>2</sup>  
 246 Manufacturing Expense 2,117.09<sup>2</sup>  
 71 Administrative " 7,053.12<sup>2</sup>  
 271 Mach. & Equipment 3,020.85<sup>2</sup>  
 121 Dep. Depreciation of Mach. & Equipment 11.67<sup>2</sup>  
 32 Accounts Payable 2,374.59<sup>2</sup>  
 65 Accrued Pay Roll 13.89<sup>2</sup>  
 321 Reserve for Insurance 1,044.83<sup>2</sup>  
 263 Insurance Reserve Fund 40.00<sup>2</sup>  
 253 Interest 930.92<sup>2</sup>  
 317 Rent Expense 234.94<sup>2</sup>  
 261 Income Expense 7741.12<sup>2</sup>  
 334 Work in Process 418,711.14<sup>2</sup>

✓ *Surplus* #1837 569,906<sup>2</sup>  
*Surplus* ✓ 569,906<sup>2</sup>  
 To transfer the valuation of Equipment purchased  
 direct by the following departments during Nov-1916

185 East Dept. E. I. 91731 East Dept. E. I. 185<sup>2</sup>  
 347 Power 26794 Power " 337<sup>2</sup>  
 365 Screw Mach. E. I. 118.23 Screw Mach. " 361<sup>2</sup>  
 375 Punch Press 52,171.02 Punch Press " 391<sup>2</sup>  
 449 Mech. Assly. 132.88 Mech. Assly. " 427<sup>2</sup>  
 401 Die Cast Press 1,325.45 Die Cast Press " 435<sup>2</sup>  
 433 Phone Repair 247.91 Phone Repair " 431<sup>2</sup>  
 375 Working Foot 1215.00 Working Foot " 371<sup>2</sup>  
 114 Blacksmith 31.62 Blacksmith " 109<sup>2</sup>

Orange, N.J. November 30-1916

1 *Surplus* #1837 523,046<sup>2</sup>  
*Surplus* ✓ 523,046<sup>2</sup>  
 To transfer the amount of depreciation  
 applied by the following departments  
 during November 1916

\* 281 Phone Assly. C. A. 32.50 Phone Assly. C. A. 211<sup>2</sup>  
 \* 217 Bats to Mach. 2465.31 Bats to Mach. " 227<sup>2</sup>  
 \* 243 Electrician 25532 Electrician " 253<sup>2</sup>  
 \* 357 Reps Assly. 539 Reps Assly. " 355<sup>2</sup>  
 \* 381 Laths 61.96 Laths " 365<sup>2</sup>  
 \* 401 Japanning 305.82 Japanning " 405<sup>2</sup>  
 \* 404 Sheet Metals 19.38 Sheet Metals " 413<sup>2</sup>  
 \* 417 Plating & Bluffing 18.54 Plating & Bluffing " 421<sup>2</sup>  
 \* 423 Plating 60.27 Plating " 425<sup>2</sup>

32 *Accounts Payable* #1839 9392.69<sup>2</sup>  
*Accounts Payable* 32 9392.69<sup>2</sup>

To balance the following division of the  
 T. A. S. Inc. and transfer the above amount to  
 T. A. S. Inc. Control Account as of Nov 30-1916

Thomas A. Edison, Inc. Section 7

✓ 1 Thomas A. Edison, Inc. Division 4496<sup>2</sup>  
 ✓ 1 " Dist. Recept. Hq. " 172.90<sup>2</sup>  
 ✓ 1 " " " 171.84<sup>2</sup>  
 ✓ 1 " " " 42<sup>2</sup>  
 ✓ 1 " " " 7715<sup>2</sup>  
 ✓ 1 " " " 10440<sup>2</sup>  
 ✓ 1 " " " 3736<sup>2</sup>  
 ✓ 1 " " " 664<sup>2</sup>  
 ✓ 1 " " " 434.50<sup>2</sup>  
 ✓ 1 " " " 113<sup>2</sup>  
 ✓ 1 " " " 6326<sup>2</sup>  
 ✓ 1 " " " 9466.53<sup>2</sup>  
 ✓ 1 " " " 3397<sup>2</sup>

Orange, N.J. November 1916

3<sup>d</sup> Accounts Payable Sundries #1840 ✓ 569,894.09<sup>s</sup> 569,894.09<sup>s</sup>

To balance the following accounts in the Accounts Payable Ledger and transfer the above amount to the General Ledger as of Nov. 30 - 1916 -

1 Mfr. A Edison, Inc. Contra 701,524.07 1 A Edison, Inc. 152.<sup>s</sup>  
 1 Mfr. A Edison, Party 132,297.07 1 A Edison, Party 171.<sup>s</sup>  
 1 Edison Storage Bat. Co. 579.09 Ed. Stor. Bat. Co. 135.<sup>s</sup>

3<sup>d</sup> Accounts Payable Sundries #1841 ✓ 362,625.17<sup>s</sup> 362,625.17<sup>s</sup>

To transfer the following balances as of Oct 30-16 from the Accounts Payable to the Contra General Ledger.

✓ P. Phon. Assly. Dept. 242,106.01 Phon. Assly. O.A. 201.<sup>s</sup>  
 ✓ P. Mech. 12,707.94 Mech. 427.<sup>s</sup>  
 ✓ P. Blacksmith 2,375.40 Blacksmith 109.<sup>s</sup>  
 ✓ P. Japanning 12,379.04 Japanning 401.<sup>s</sup>  
 ✓ P. Plating & Buffing 16,947.22 Plating & Buffing 447.<sup>s</sup>  
 ✓ P. Sheet Metal 379,064 Sheet Metal 409.<sup>s</sup>  
 ✓ P. Punch Press 773.96 Punch Press 371.<sup>s</sup>  
 ✓ P. Power 47,264 Power 337.<sup>s</sup>  
 ✓ P. Plating 328.91 Plating 423.<sup>s</sup>  
 ✓ P. Bath 96,935.55 Bath 217.<sup>s</sup>  
 ✓ P. Phone Repair 1,030.61 Phone Repair 431.<sup>s</sup>  
 ✓ P. Lacks 39,323.55 Lacks 351.<sup>s</sup>  
 ✓ P. Drive Press 11,742.21 Drive Press 435.<sup>s</sup>  
 ✓ P. Electrical 5,526.90 Electrical 243.<sup>s</sup>  
 ✓ P. Reps. Assly. 17,053.15 Reps. Assly. 351.<sup>s</sup>  
 ✓ P. Screw Mach. 478.41 Screw Mach. 361.<sup>s</sup>  
 ✓ P. Cabinet 11,717.36 Cabinet 175.<sup>s</sup>  
 ✓ P. Jotting + Tool 5,055.25 Jotting + Tool 371.<sup>s</sup>

Orange, N.J. November 30 - 1916

20<sup>th</sup> Phon. Assly. Dept. Con. A/c. Sundries #1842 ✓ 194,871.50<sup>s</sup> 194,871.50<sup>s</sup>

To transfer the following balances as of Oct 30-16 from the Phon. Assly. Dept. to the Contra General Ledger.

Con. Dept. Con. A/c. 115 173,070.64<sup>s</sup>  
 Reps. Assly. 351 17,651.76<sup>s</sup>  
 Electrical 243 16.<sup>s</sup>  
 Mfr. A Edison, Inc. 152 1,167.65<sup>s</sup>  
 Edison Storage Battery Co. 135 29,813.61<sup>s</sup>

447 Mech. Assly. Dept. Con. A/c. Sundries #1843 ✓ 115.25<sup>s</sup> 115.25<sup>s</sup>

To transfer the following balances as of Oct 30-16 from the Mech. Assly. Dept. to the Contra General Ledger.

Jotting + Tool Dept. Con. A/c. 371 88.94<sup>s</sup>  
 Mfr. A Edison, Inc. 152 159.00<sup>s</sup>  
 Party 171 129.79<sup>s</sup>  
 Edison Storage Battery Co. 135 250.<sup>s</sup>

Sundries #1844 ✓ 3,580.00<sup>s</sup> 3,580.00<sup>s</sup>

To transfer the balances in favor of Mfr. A Edison, Inc. as of Oct 30-1916 from the following Departments to the Contra General Ledger.

109 Blacksmith Dept. Con. A/c. 408.25<sup>s</sup>  
 417 Pl. Buff " " 1516.71<sup>s</sup>  
 423 Plating " " 1655.04<sup>s</sup>

401 Japanning Dept. Con. A/c. Sundries #1845 ✓ 1010.42<sup>s</sup> 1010.42<sup>s</sup>

To transfer the following balances as of Oct 30-16 from the Japanning Dept. to the Contra General Ledger.

Con. Dept. Con. A/c. 115 142.29<sup>s</sup>  
 Mfr. A Edison, Inc. 152 368.13<sup>s</sup>

Orange, N. J. November 30-1916.

449 Sheet Metal Dept. Gen. Accts.	#1846	4437.85	4437.85
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Sheet Metal Dept. to the Credit General Ledger.			
Thos. A. Edison, Inc.	152	4437.05	
Edison Storage Bat. Co.	135	80	
397 Punch Press Dept. Gen. Accts.	#1847	108744	108744
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Punch Press Dept. to the Credit General Ledger.			
Thos. A. Edison, Inc.	153	103264	
" " " Lath.	171	5480	
✓ <i>Sundries</i> #1848		36277.93	36277.93
<i>Gen. Dept. Gen. Accts.</i> 337			
To transfer the following balances as of Oct. 31-16 from the Gen. Dept. to the Credit General Ledger.			
243 Electric Dept. Gen. Accts.		25.85	
351 Reps. Castg. " "		36.59	12
861 Screw Mach. " "		191.87	
153 Thos. A. Edison, Inc.		414.57	
171 " " " Lath.		60	
217 Bats. Dept. Gen. Accts.	#1849	570.35	570.35
<i>Sundries</i> ✓			
To transfer the balances as of Oct. 31-1916 from the Bats. Dept. to the Credit General Ledger.			
Screw Mach. Dept. Gen. Accts. 361		196.14	
Thos. A. Edison, Inc.	153	374.21	

Orange, N. J. November 30-1916

431 Phone Repair Dept. Gen. Accts.	#1850	206.91	206.91
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Phone Repair Dept. to the Credit Gen. Ledger.			
Thos. A. Edison, Inc.	153	131.93	
Bats. Dept. Gen. Accts.	165	75.88	
381 Lath Dept. Gen. Accts.	#1851	2611.05	2611.05
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Lath Dept. to the Credit Gen. Ledger.			
Thos. A. Edison, Inc.	153	1484.26	
" " " Lath.	171	39.28	
Jolting + Test Dept. Gen. Accts. 371		1087.51	
435 Drive Press Dept. Gen. Accts.	#1852	2811.46	2811.46
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Drive Press Dept. to the Credit Gen. Ledger.			
Jolting + Test Dept. Gen. Accts. 371		1600.92	
Thos. A. Edison, Inc.	153	1210.54	
✓ <i>Sundries</i> #1853		109364	109364
<i>Elect. Dept. Gen. Accts.</i> 243			
To transfer the following balances as of Oct. 31-16 from the Elect. Dept. to the Credit General Ledger.			
152 Thos. A. Edison, Inc.		411.09	
171 " " " Lath.		33.16	
135 Edison Storage Battery Co.		649.16	
217 Bats. Dept. Gen. Accts.		25	
351 Reps. Castg. Dept. Gen. Accts.	#1854	169.03	169.03
<i>Sundries</i> ✓			
To transfer the following balances as of Oct. 31-16 from the Reps. Castg. Dept. to the Credit Gen. Ledger.			
Thos. A. Edison, Inc.	153	159.13	
" " " Lath.	171	990	

Orange, N. J. November 30-1916

361 Screw Mach. Dept. Cur. Adv.	#1835	1159.17	1159.17
<i>Summaries</i> ✓			
To transfer the following balances as of Oct 31-16			
from the Screw Mach. Dept. to the Credit Genus Ledger			
Thos. A. Edison, Inc.	153	1579.02	
Edison Dept. Cur. Adv.	243	1744.6	
Edison Storage Battery Co.	135	245.88	
185 Cabinet Dept. Cur. Adv.	#1156	3725.80	3725.80
<i>Summaries</i> ✓			
To transfer the following balances as of Oct 31-16			
from the Cabt. Dept. to the Credit Genus Ledger			
Thos. A. Edison, Inc.	153	4860.55	
Edison Storage Battery Co.	135	511.65	
Edison Storage Battery Co.	135	953.60	
175 Jobbing + Tool Dept. Cur. Adv.	#1857	2508.59	2508.59
<i>Summaries</i> ✓			
To transfer the following balances as of Oct 31-16			
from the Jobbing + Tool Dept. to the Credit Genus Ledger			
Thos. A. Edison, Inc.	152	2513.97	
Edison Storage Battery Co.	135	4.03	
Edison Storage Battery Co.	135	135	
185 Cabinet Dept. Cur. Adv.	#1158	4797.47	4797.47
<i>Work in Process</i> 334			
To transfer the above amount representing credit			
balance of I.D.O. Acct from Cabt. Dept. to			
Credit Genus Ledger			
Monograph	11	4797.47	
2 Accounts Receivable	#1859	2399	2399
<i>Thos. A. Edison, Inc.</i> 153			
To transfer to Const. + Maint. Div. of T.A. & Inc.			
that portion of cash received from sale of scrap			
to Simon & Krueger on Sept 30-1916			
1 Cash Sale		2399	

Orange, N. J. November 30-1916

276 Manufacturing Expense	#1860	45000	45000
<i>Accrued Taxes</i> 61			
To transfer the estimated taxes for			
accrued taxes for the month of Nov-1916			
71 Administration Expense	#1861	60000	60000
<i>Accrued Int. on Bonds</i> 69			
To transfer the interest charges on U.S. Bonds			
5% Gold Bonds for the month of Nov-1916			
276 Manufacturing Expense	#1862	93092	93092
<i>Interest Account</i> 255			
To transfer the interest charges accrued			
during Nov-1916			
71 Administration Expense	#1863	349805	349805
<i>Amortization of Equipment</i> 75			
To transfer 15% amortization on book value			
of Mach. + Equipment for month of Nov-1916			
71 Administration Expense	#1864	191898	191898
<i>Amortization of Buildings</i> 79			
To transfer 5% amortization of 420,552.29			
valuation of E. P. Wks. concrete buildings, and			
10% on 20,000.00 valuation of frame buildings			
for the month of Nov-1916			
571 Jobbing + Tool Dept. Cur. Adv.	#1865	200	200
<i>Jobbing + Tool Dept. Cur. Adv.</i> 375			
To correct eighth item on I.D.O. #1857 and			
transfer the above amount to Jobbing and			
Tool Dept. Current Advances			
261 Income Expense	#1866	377620	377620
<i>Rent Expense</i> 317			
To correct the distribution of R.M. bills #1887 to			
19892 and thereby transfer the above			
amount from Income to Rent Expense			



Orange, N.J. December 31-1917

1. <u>Surpluses</u>	1871	612064.67	
<u>Cash</u>			611,194.96
<u>Income Surpluses</u>			869.71

To transfer the Analysis of Cash Disbursements  
for the month of December 1916

91. <u>Cash</u>	1872	610,516.76 <sup>2</sup>	
201. <u>Income Surpluses</u>			210 <sup>2</sup>
<u>Surpluses</u>			610,518.86 <sup>2</sup>

To transfer the Analysis of Cash Receipts  
for the month of December 1916

<u>Notes Receivable</u>	2	608,738.97 <sup>2</sup>	
<u>Payable</u>	32	721.38 <sup>2</sup>	
<u>Cash Dept. Sec. Adv.</u>	116	41,140 <sup>2</sup>	
<u>Bills</u>	217	783.36 <sup>2</sup>	
<u>Phone Rents</u>	202	19.53 <sup>2</sup>	
<u>Printing &amp; Post</u>	371	164.22 <sup>2</sup>	

2. <u>Accounts Receivable</u>	1873	329,216.84 <sup>2</sup>	
<u>Surpluses</u>			329,216.84 <sup>2</sup>

To transfer the Analysis of Sales for  
the month of December 1916

<u>Manufacturing Expenses 2%</u>		132.06 <sup>2</sup>	
<u>Materials &amp; Supplies</u>	141	180.27 <sup>2</sup>	
<u>Sales</u>	327	328,704.21 <sup>2</sup>	

1. <u>Surpluses</u>	1871	1784.12 <sup>2</sup>	
<u>Materials &amp; Supplies</u>	141		1784.12 <sup>2</sup>

To transfer that part of the Analysis of  
Purchases covering raw materials transfers  
during December 1916

276. <u>Manufacturing Expenses</u>		896.8 <sup>2</sup>	
334. <u>Costs in Process</u>		1694.44 <sup>2</sup>	



Orange, N.J. December 31-1916.

Sundries

1875

541701.22

Accts. Payable 32

529127.55

Pay Roll 305

1257367

To transfer the analysis of purchase for  
the month of December 1916-

141 Material + supplies	26381.86
276 Mfg. Expenses	2740.46
71 Adm.	5380.75
271 Mach. + Equipment	8786.11
131 Dep. Depreciation of Equipment	349.20
32 Accts. Payable	799.28
334-440 in Process	501469.97
61 Accrued Taxes	6027.00
521 Reserve for Insurance	1059.05
517 Rent Surplus	133.84
261 Income	8940.52

32 Accts. Payable

1875

183707

Accts. Payable 32

183707

To transfer the balances standing in the  
following subsidiary accounts to the  
Trade Dept. account as of Dec 30-1916

1 Edison Photo. Work, Trade Dept.	183707
Ed. Photo. Genl. Dept	701.73
"    "    "    "    "    "	744.94
"    "    "    "    "    "	370.40

2 Accts. Receivable

1875

3000

Accts. Payable 32

3000

To transfer the above amount from the  
General Accts. in Accts. Payable to the  
General Acct. in Accts. Rec. as of Dec 30-1916

103 General Acct. Western Heating Co.	300 General Acct. Western Heating Co.
--	--

Orange, N.J. December 31-1916.

32 Accts. Payable

1878

389153.48

Sundries

389153.48

To transfer the following balances as of  
Nov. 30-1916 from the Control of: Payable to  
the General Ledger,

1 Dress Case Dept.	2276.30	Dress Case Gen. Acct.	485
1 Japanning	2776.57	Japanning	401
1 Sheet Metal	10544.74	Sheet Metal	409
1 Polishing	6028.82	Polishing	417
1 Bench Press	7097.17	Bench Press	391
1 Plating	3901.53	Plating	423
1 Photo. Repair	127.53	Photo. Repair	431
1 Electrical	6253.59	Electrical	244
1 Lacks	72401.98	Lacks	381
1 Bates	3326.92	Bates	217
1 Sewing Mach.	7490.52	Sewing Mach.	361
1 Jewels	9000.05	Jewels	337
1 Photo. Assly.	201504.74	Photo. Assly.	262
1 Jotting + Not.	122635.97	Jotting + Not.	371
1 Photo. Assly.	29312.53	Photo. Assly.	357
1 Blacksmith	3523.94	Blacksmith	109
1 Mech. Assly.	1113.31	Mech. Assly.	427
1 Cabinet	10418.95	Cabinet	160

109 Blacksmith Dept. Gen. Acct.

1879

1111

Sundries

1111

To transfer the following balances as of  
Nov. 30-1916 to the Credit General Ledger,

Photo. Edison, Inc.	153	16972
Jotting + Not Dept. Gen. Acct.	15267	
103 Dress Case Dept. Gen. Acct.	1880	208704

To transfer the following balances as of Nov 30-1916  
to the Control General Ledger.

Photo. Edison, Inc.	153	206699
Jotting + Not Dept. Gen. Acct.	571	2005

Orange, N. J. December 31-1916

1401 Japan Dept. Gen. Acct.	1891	1317.92 <sup>a</sup>	1317.92.
<i>Surplus</i>	✓		
To transfer the following balances as of Nov 30-1916 to the General Ledger.			
Thos. A. Edison, Inc.	153 <sup>1</sup>	1144.60.	
Jolting + Ford Dept. Gen. Acct.	371 <sup>1</sup>	1523.32.	
Balance	116 <sup>1</sup>	21.80.	
1409 Sheet Metal Dept. Gen. Acct.	1892	1157.13 <sup>a</sup>	1157.13.
<i>Surplus</i>	✓		
To transfer the following balances as of Nov 30-1916 to the General Ledger.			
Thos. A. Edison, Inc.	153 <sup>1</sup>	1256.10.	
Jolting + Ford Dept. Gen. Acct.	371	98.37 <sup>1</sup>	
1411 Polishing + Buffing Dept. Gen. Acct.	1893	1176.30.	1176.30.
Thomas A. Edison, Inc.	153 <sup>1</sup>		
To transfer the above amount representing balance as of Nov 30-1916 from the Polishing + Buffing Dept. to the General Ledger.			
1421 Mech. Equip. Dept. Gen. Acct.	1894	441.23 <sup>a</sup>	441.23.
<i>Surplus</i>	✓		
To transfer the following balances as of Nov 30-1916 to the General Ledger.			
Thos. A. Edison, Inc.	153 <sup>1</sup>	548.32 <sup>a</sup>	
Lathg.	✓	2.80.	
Edison Storage Battery Co.	✓	38.06 <sup>a</sup>	
Jolting + Ford Dept. Gen. Acct.	✓	46.23 <sup>1</sup>	
1421a Mech. Equip. Dept. Gen. Acct.	1895	3362.39 <sup>a</sup>	3362.39.
<i>Surplus</i>	✓		
To transfer the following balances as of Nov 30-1916 to the General Ledger.			
Jolting + Ford Dept. Gen. Acct.	371 <sup>1</sup>	2277.55 <sup>a</sup>	
Thomas A. Edison, Inc.	153 <sup>1</sup>	1087.76 <sup>a</sup>	
Lathg.	✓	29.23 <sup>a</sup>	

Orange, N. J. December 31-1916

32 Accounts Payable	1896	1950 <sup>a</sup>	1950 <sup>a</sup>
<i>East Dept. Gen. Acct.</i>	116 <sup>1</sup>		
To transfer the above amount from E. P. Acct. East Dept. as per attached details.			
J. J. M. Hazy Waste Works.		1950 <sup>a</sup>	
32 Accounts Payable	1897	1500 <sup>a</sup>	1500 <sup>a</sup>
<i>Accounts Receivable</i>	2 <sup>1</sup>		
To suspense the above amount as per details and authority attached here to.			
O. Oliver J. Wells	12.50	Suspense Acct.	5 <sup>1</sup>
G. H. Morrison	2.25		5 <sup>1</sup>
Floer. Deerin	3.75		9 <sup>1</sup>
2 Accounts Receivable	1898	06 <sup>a</sup>	06 <sup>a</sup>
<i>Accounts Receivable</i>	2 <sup>1</sup>		
To suspense the above amount as per details and authority attached here to.			
Suspense Acct.	to H. G. Gortney	10 <sup>1</sup>	
361 Screw Mach. Dept. Gen. Acct.	1899	21 <sup>a</sup>	21 <sup>a</sup>
<i>Mfg. Expense</i>	276 <sup>1</sup>		
To supplement J. E. #1958 and transfer the above amount from Screw Machine Dept. to E. P. Acct. Cont'd.			
<i>Surplus</i>	1890	62549.18 <sup>a</sup>	62549.18 <sup>a</sup>
<i>Work in Process</i>	334 <sup>1</sup>		
To transfer the balances on various sundry shop orders to their respective accounts as of Dec 1-1916. For details see list attached.			
271 Machinery & Equipment.		87273.47 <sup>a</sup>	
276 Manufacturing Expense.		9141.07 <sup>a</sup>	
85 Buildings		10633.41 <sup>a</sup>	
113 Deprec. Suspense of Buildings		3124.38 <sup>a</sup>	
121 Equipment.		2371.85 <sup>a</sup>	
<i>Sundry Shop Orders</i>	9 <sup>1</sup>		62549.18 <sup>a</sup>

Orange, N.J. December 31-1916

137 Closing Dept. Gen. Acc.	1891	1183 20	
Thos. A. Edison, Inc.	1891	1183 20	
To transfer the above balance as of Nov. 30-1916 to the Control General Ledger			
138 Phone Repair Dept. Gen. Acc.	1892	226 24	
Surpluses		226 24	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
Thos. A. Edison, Inc.	1891	178 40	
Edison Dept. Gen. Acc.	1891	47 84	
1 Surpluses	1893	177 09 236	
Lab. Dept. Gen. Acc.	1891	177 09 236	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
139 Phone. Ass'ty. Dept. Gen. Acc.		132 33 16	
Thomas A. Edison, Inc.	1891	47 02 09	
Lab'y.	1791	503 11	
Edison Storage Battery Co.	1891	35 60	
140 Electrical Dept. Gen. Acc.	1894	498 66	
Surpluses		498 66	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
Thos. A. Edison, Inc.	1891	538 45	
Phone. Ass'ty. Dept. Gen. Acc.	2071	26	
Screen Mach.	264	118 31	
Jeune	3371	144 57	
Jobbing + Tool	3711	57 10	
Thos. A. Edison, Lab'y.	1791	678	
Edison Storage Battery Co.	1891	239 05	
141 Cash Dept. Gen. Acc.	1892	2326 71	
Surpluses		2326 71	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
Thomas A. Edison, Inc.	1891	1967 32	
Lab'y.	1791	589	
Jobbing + Tool Dept. Gen. Acc.	3711	358 50	

Orange, N.J. December 31-1916

217 Sales Dept. Gen. Acc.	1896	1926 13	
Surpluses		1926 13	
To transfer the balance standing in the following acct. at Nov 30-1916 to the Control General Ledger			
Thos. A. Edison, Inc.	1891	689 84	
Electrical Dept. Gen. Acc.	2461	912	
Jobbing + Tool	3711	25 42	
Screen Mach.	2614	1201 75	
361 Screen Mach. Dept. Gen. Acc.	1897	2687 74	
Surpluses		2687 74	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
Thos. A. Edison, Inc.	1891	2427 58	
Jobbing + Tool Dept. Gen. Acc.	3711	495 18	
Thomas A. Edison, Lab'y.	1791	1112	
Edison Storage Battery Co.	1891	73 74	
Phone. Ass'ty. Dept. Gen. Acc.	2071	16 04	
Jeune Dept. Gen. Acc.	3371	134 12	
337 Jeune Dept. Gen. Acc.	1898	489 34	
Surpluses		489 34	
To transfer the following balances as of Nov 30-1916 to the Control General Ledger			
Thomas A. Edison, Inc.	1891	896 61	
Lab'y.	1791	1136 32	
Edison Storage Battery Co.	1891	59 87	
Phone. Ass'ty. Dept. Gen. Acc.	2071	19	
Jobbing + Tool	3711	34 14	
Electrical	2461	144 57	
Repro. Ass'ty.	3511	470 53	
2 Accounts Receivable	1899	2000	
Accounts Receivable	2-1	2000	
To transfer the above amount, which was credited to Cash Sales 1st in error, should have been credited to E. & W. Victor.			
See cash receipts Nov 15-1916			
1 Cash Sales	2000 E. & W. Victor.	51	

Orange, N. J. December 31-1916

W. Phone. Asstg. Dept. Gen. Acc.	1300	461311
Summarize,	✓	461311.
To transfer the following balances as of Nov 30-1916 to the Credit General Ledger		
Thomas A. Edison, Inc.	1891	148426.
Edison Storage Battery Co.	951	435747.
Jeffing + Hot Dept. Gen. Acc.	3711	9309.
Thomas A. Edison, Ldty.	771	98058.
Repu. Asstg. Dept. Gen. Acc.	3511	34407.
Bates Dept.	2171	726.

Summarize	1301	56397.
Jeffing + Hot Dept. Gen. Acc.	3711	56397.
To transfer the balances standing in the following accts as Nov 30-1916 to the Credit General Ledger.		

Thomas A. Edison, Inc.	151	52620.
Ldty.	171	3777.

Repu. Asstg. Dept. Gen. Acc.	1902	36176.
Summarize	✓	36176.

To transfer the following balances as of Nov 30-1916 to the Credit General Ledger.

Thomas A. Edison, Inc.	1531	325372.
Bates Dept. Gen. Acc.	3171	726.
Electrics	2441	1200.
Jeffing + Hot Dept.	3711	8667.
C. Arthur	✓	2800.
Thomas A. Edison, Ldty.	✓	41540.

Repu. Asstg. Dept. Fixed Investments	3703	37000.
Mach. + Equipment	3711	37000.

To transfer the valuation of Equipment on hand in Repu. Asstg. Dept. and Investments to their inventory of Sept. 15-1916

Orange, N. J. December 31-1916

Summarize	1304	627624.
Summarize	✓	627624.
To transfer the valuation of Equipment purchased direct by the following E. P. Wks. Depts. during December 1916		

1. 195 East Dept. F. S.	795.75 East Dept. C. A.	186.
2. 241 Phone Asst.	642.97 Phone Asstg.	222.10
3. 355 Repu.	162.40 Repu.	257.10
4. 365 Ldty.	1201.26 Ldty.	281.1
5. 375 Punch Press	586.81 Punch Press	591.3
6. 403 Sheet Metal	223.25 Sheet Metal	409.1
7. 449 Mach. Asstg.	448.53 Mach. Asstg.	447.8
8. 451 Plating	273.44 Plating	423.8
9. 437 Die Cast	1831.80 Die Cast	425.1
10. 375 Jeffing + Hot	102.62 Jeffing + Hot	371.1
11. 411 Blacksmith	148.82 Blacksmith	109.1

Summarize	1905	192535.
Summarize	✓	192535.

To bring the Fixed Investment account in credit with the Plant Investment accounts.

3371 Jones Dept.	On Acc 240.23 Jones Dept. F. S.	247.9.
2. 3. 365	815.12 Bates	227.4
4. 246 Elect.	25.81 Elect.	253.8
5. 361 Screw Mach.	503.91 Screw Mach.	365.8
6. 401 Japanning	186.4 Japanning	405.
7. 447 Plating	183.28 Plating	471.
8. 431 Phone Repair	209 Phone Repair	453.

Manufacturing Expense	1906	45000.
Reverse for Accrued Taxes	61	45000.

To transfer the estimated reserve for accrued taxes for the month of Dec. 1916

Administrative Expense	1907	60000.
Accrued Interest on Bonds	59	60000.

To transfer the reserve for interest charges on E. P. Wks. 5% Gold Bonds, for the month of December 1916

Orange Ky December 29, 1916

Landreid

1908

6,206.68

back

97

6,119.96

Carroll Chapman 261

86977

To transfer the balances of Cash  
disbursements for December, 1916.

14 Accounts Payable	118,244.82
141 Cash	15,000.00
142 Pay Roll	11,912.42
143 Cash, Dept. Curr. Adv.	198,947.53
144 Cash	20,171.01
145 Cash	4,625.65
146 Cash	24,528.16
147 Cash, Acct.	59,075.44
148 Cash, Acct.	5,401.56
149 Cash, Acct.	5,200.46
150 Cash, Acct.	9,735.63
151 Cash, Acct.	20,306.64
152 Cash, Acct.	7,913.10
153 Cash, Acct.	5,912.53
154 Cash, Acct.	6,947.49
155 Cash, Acct.	13,041.91
156 Cash, Acct.	9,206.15
157 Cash, Acct.	932.32
158 Cash, Acct.	17,554.75
159 Cash, Acct.	5,329.96
160 Cash, Acct.	1,236.76

Administrative Expense

1909

196328

Credit of Disbursements

196328

To transfer 5% amortization on \$1,156.70  
valuation of P. W. Co. concrete buildings  
and 10% on \$20,000.00 valuation of frame  
buildings for the month of Dec. 1916.

Administrative Expense

1910

424020

Credit of Disbursements

424020

To transfer the amortization at 10%  
on book value of M. W. Co. equipment  
for the month of December, 1916.

Orange Ky December 29, 1916

Refused Charges

1911

1926

1926

To cancel J.E. 1113 and transfer the  
above amount to the General Fund 76

Refused Charges

1912

1926

1926

To transfer the above amount to  
General Fund for the 76. This entry is  
issued in conjunction with J.E. 1113.  
in 76 of year for splitting on J.E. 1113.

Pay Roll 76

1913

16109

16109

To cancel J.E. 1575 as per authority  
of J. E. 1575. Res. J. E. 1575.  
16109. Thompson

Manufacturing Expenses

1914

119620

119620

To adjust 76 of 1914 for General  
Fund as per the following  
into complete agreement for the  
calendar year ending Dec. 31, 1916

John W. Co. Curr. Adv.

1915

12571

12571

To cancel J.E. 1575 on 76 of one having  
accepted General Fund from John W. Co.  
and Dept. to correct previous overcharge.

John W. Co. Curr. Adv.

1916

30

30

To transfer amount previously  
transferred as per above on J.E. 1916.

Orange, N.J. January 31, 1917

1 Accounts Receivable	1917	57,343.99	57,343.99
<u>Transfer</u>			
To transfer the Analysis of Sales for the month of January, 1917.			
232.15 Manufacturing Expense	276.9		
232.50 Machinery & Equipment	271.9		
401.10 Profit & Loss	332.9		
57,343.99 Sales	327.9		

1 Surplus	1918	452,751.14	760,149.5
<u>Transfer</u>			
To transfer the Analysis of Surplus for the month of January, 1917.			
101 Reserve for Depreciation	29,612.32		
137 Manufacturing Expense	17,142.25		
14 Administration	1,878.75		
271 Machinery & Equipment	23,458		
271 Patent & Insurance	1970.75		
317 Bonds & Finance	3,621.25		
261 Income Expense	5,352.50		
261 Salary & Profit & Loss	147,452		
33 Accounts Payable	2,70		
332 Profit & Loss	441,613.16		

1 Accounts Receivable	1919	300,000.00	300,000.00
<u>Notes Payable</u>			
To transfer the amount of Notes Payable income during January, 1917.			
Notes National Bank			
1 Jan. 1	25,000.00		
1 Jan. 15	25,000.00		
1 Jan. 17	25,000.00		
1 Jan. 17	25,000.00		
1 Jan. 17	25,000.00		
1 Jan. 17	25,000.00		
1 Jan. 17	25,000.00		
1 Jan. 17	25,000.00		

Orange, N.J. January 31, 1917

1 97 Cash	1920	726,041.44	726,041.44
126 Income Expense		0.44	
<u>Transfer</u>			
To transfer the Analysis of Cash Receipts for the month of January, 1917.			
715.15 92 Accounts Receivable	2		
345.30 Accounts Payable	27.4		
192 Accounts Payable	65.4		
270.50 Sales Dept. Comm. 25%	17.4		
935.63 Cash	333.8		
11.37 Sales	21.4		
165.07 Home Acct	202.4		
349.23 Machine	242.8		
1,115.26 Sewing Machine	261.8		
2,152.13 Printing & Post	271.8		
108.69 Cash & Cash	291.8		
12.62 Profit & Loss	27.8		
169.61 Production Comm	27.8		
455.00 Production	109.8		

1 37 Accounts Payable	1921	2,545.00	2,545.00
<u>Accounts Payable</u>			
To transfer the above amount, as of Jan. 31, 1917.			
X Carnegie, Inc. Co. 2545.00 St. Paul			
1 33 Accounts Payable	1922	165.00	165.00
<u>Accounts Payable</u>			
To transfer the above amount, as of Jan. 31, 1916.			
V. H. & W. H. Co. 165.00			

1 Accounts Receivable	1923	47.00	47.00
<u>Accounts Payable</u>			
To transfer the above amount, as of Jan. 31, 1917.			
X Home Corp. of Orange 47.00 Home Corp. of Orange			

1 Accounts Receivable	1924	150,000.00	150,000.00
<u>Accounts Payable</u>			
To transfer the above amount, as of Jan. 31, 1917.			
11.00 for Machine & Oil 150,000.00 Machine & Oil			

Orange 7th January 1917

Sundries		1925'	677912.06'	677932.06'
Backs				
To transfer the following sundries as of Dec 30. 1916. from the Accounts Payable to the General General Ledger.				
136 Pay Roll	12,327.77			
387 Horse Payable	10,000.00			
700 General Expenses	5262.50			
97 Accounts Payable	245181.12			
18 Cash, Sept. Curr. Adv.	19,996.25			
378 Sewer	53,386.74			
218 Cuts	8,462.13			
381 Lumber	24,335.69			
700 Horse Account	446,576.9			
700 Electrical	62,091.5			
350 Paper Account	65,097.7			
381 Sewer Meters	10,011.52			
1891 Offsetting Debt	17,042.76			
1001 Infamming	1,779.29			
381 Caneb Cases	6,040.80			
1003 Plashing	7,511.60			
1007 Patch & Lifting	16,462.07			
1007 Mech. Account	10,522.34			
1001 Horse Account	12,326.53			
1005 Sewer Meters	15,922.15			
1008 Sheet Metal	8,424.16			
1001 Blacksmith	1,017.93			

Accounts Payable		1925'	555220.0	555220.0
Cash & General Exp.				
To transfer the following sundries to the General Ledger as of Dec 30. 1916.				
13 Cash, Sept. Meters Account	13.3			
31 Sewer Meters	244.33			
71 Sewer Record	5,115.43			
7 Control	81.18			
19 Sewer	5.53			
23 Sewer, Sewer Meters	12.45			
18 Sewer Record	205.90			
11 Sewer Meters	617.14			
10 Sewer Lifting	395.99			
7 Sewer Meters	252.75			
32 Sewer Meters	1,467.14			
10 Sewer Meters	920			

Orange 7th January 1917

Accounts Payable		1927'	315159.59	315159.59
Sundries				
To transfer the following sundries as of Dec 30. 1916. from the Accounts Payable to the General General Ledger.				
1 Horse Account Sept 4, 1922.5	Horse Account Sept 4, 1922.5	431.15		
1 Paper Account	Paper Account	250.10		
1 Blacksmith	Blacksmith	149.00		
1 Bars	Bars	215.00		
1 Electrical	Electrical	246.50		
1 Plashing	Plashing	453.10		
1 Mech. Account	Mech. Account	1127.80		
1 Horse Account	Horse Account	202.00		
1 Cabinet	Cabinet	176.20		
1 Infamming	Infamming	401.17		
1 Sewer	Sewer	238.00		
1 Sewer Meters	Sewer Meters	260.10		
1 Sheet Metal	Sheet Metal	449.70		
1 Plashing	Plashing	117.70		
1 Lumber	Lumber	287.50		
1 Sewer Account	Sewer Account	149.70		
1 Caneb Cases	Caneb Cases	240.70		
1 Offsetting Debt	Offsetting Debt	371.10		
201 Horse Account Current Adv.				
To transfer the following sundries as of Dec 30. 1916. to the General General Ledger.				
		222.85	Cash, Sept. Curr. Adv.	116.10
		361	Offsetting Debt	371.10
Horse Account Current Adv.				
Cabinet Sept. Curr. Adv.				
To supplement the above sundries as of Dec 30. 1916. to the General General Ledger.				
Ord. Dec 16, 1916. above for this account.				
Sundries				
Cabinet Sept. Curr. Adv.				
To transfer the following sundries as of Dec 30. 1916.				
201 Horse Account Current Adv.	Horse Account Current Adv.	115,010.96		
1007 Mech.	Mech.	37.25		
1003 Horse Account	Horse Account	55.16		
371 Offsetting Debt	Offsetting Debt	919.10		

Orange T<sup>y</sup> January 3, 1917

1435 Brick Press Cured

1931

10757.80

10757.80

Sundries

To transfer the following as of Dec 30-16.

5,661.05 Brick Press Cured. A.D. 391.8

2,547.12 Jettings &amp; Lath . 371.8

440.87 Plank Room . 202.8

1441 Plank Press Cured

1932

2030.05

2030.05

Sundries

To transfer the following balances as of Dec 30-16.

2,755.09 Jettings &amp; Lath Cured. A.D. 371.8

755.00 Plank Room . 202.8

1442 Lath Dept Cured

1933

21156.12

21156.12

Sundries

To transfer the following as of Dec 30-1916.

17,776.93 Brick Press Cured. A.D. 445.8

2,901.01 Plank . 391.8

960.62 Jettings &amp; Lath . 371.8

452.46 Plank Room . 202.8

1409 Backmill Dept Cured

1934

12896.8

12896.8

Sundries

To transfer the following as of Dec 30-1916.

942.89 Brick Press Cured. A.D. 445.8

247.77 Lath . 371.8

191.71 Lath . 371.8

1,944.89 Planking . 447.8

2,629.65 Screw Nails . 361.8

189.76 Plank . 215.8

611.49 Cement . 244.8

121.85 Jettings &amp; Lath . 371.8

150.52 Plank Room . 447.8

1,102.14 Plank Press . 391.8

5.44 Planking . 447.8

107.31 Plank Room . 202.8

444.51 Brick Press . 449.8

Orange T<sup>y</sup> January 3, 1916

Sundries

1935

62,693.00

62,693.00

Sundries

To transfer the following as of Dec 30-1916.

1,435 Brick Press Cured. A.D. 391.8

1,437 Plank Room . 172.8

1,437 Plank Room . 7,177.36

1,371 Jettings &amp; Lath . 122.90

1,371 Lath Dept . 392.46

1,307 Plank Room . 7.73

1,437 Planking . 60

1,437 Planking . 6.43

1,371 Plank Press . 208.00

1,36 Cement Storage Plant Co. 323.08

1,437 Plank Room Cured

1936

46,991.24

46,991.24

Sundries

To transfer the following as of Dec 30-1916.

1,371.96 Plank Press Cured. A.D. 391.8

9,200.00 Lath . 445.8

4,340.36 Lath . 371.8

22.18 Jettings &amp; Lath . 371.8

25.54 Plank Room (Cigars) . 159.8

3.85 Cement Storage Plant Co. 136.8

6,945.96 Plank Room Cured. A.D. 202.8

1,437 Planking Dept Cured

1937

3463.80

3463.80

Sundries

To transfer the following as of Dec 30-1916.

2,111.18 Brick Press Cured. A.D. 445.8

200.42 Lath . 371.8

8,750.11 Plank Room . 447.8

2,107.67 Plank Press . 391.8

10,903.60 Plank Room . 202.8

36.93 Jettings &amp; Lath . 371.8

33 Accounts Payable

1938

83.01

83.01

Accounts Payable

To transfer the following balances to

the 1st of Jan 1917 Lath Dept

1st of Jan Dept . 22.90 1st of Jan Dept

C. " Planking . 56.93 " " " "

C. " Plank Room . 1.18 " " " "



Orange N.Y. January 3, 1916

1939'	1939'
1038' 265	265825
<u>Summary</u>	265825
To transfer the following as of Dec. 30, 1916	
579.39 Phone Room Current, 1912-14	
312.66 Plating	108.8
550.93 Lathes	391.8
41103.17 Caneel Green	391.8
371.01 Jiffing Co. Lath	370.8
2110.03 Drill Press	125.8
116.107 Mech. Room	107.8
507.46 Plating	107.8
7755.20 Electrician	308.8

1940'	1940'
1686386	1686386
<u>Summary</u>	1686386
To transfer the following as of Dec. 30, 1916	

351 Lathes Dept. Curr. Adv. 5,968.25	
1038 Drill Press	10,929.16
1108 Sheet Metal	203.36
1173 Plating	21,063.26
200 Electrician	109.7
1201 Phone Room	106.20
301 Caneel Green	1,081.47
1107 Mech. Room	108.10
1177 Plating	2,932.00
137 Jiffing Co. Lath	11.12
1177 Mech. Room, Lath 11	277.08

1941'	1941'
156860	156860
<u>Summary</u>	156860
To transfer the following as of Dec. 30, 1916	

3113 Drill Press Current, 1912-14	1035.8
700 Electrician	704.8
524 Plating	323.8
529 Plating	117.8
246.37 Caneel Green	391.8
136.52 Sheet Metal	361.8
1291 Sheet Metal	109.8
1219.63 Jiffing Co. Lath	370.8
260.6 Mechanism Room	107.8
7.00 Lathes Dept.	391.8

Orange N.Y. January 3, 1917

1942'	1942'
276501	276501
<u>Summary</u>	276501
To transfer the following as of Dec. 30, 1916	
470.36 Sheet Metal Curr. Adv. 261.8	
915.47 Jiffing Co. Lath	370.8
158.60 Lathes	351.8
535.17 Drill Press	125.8
1562 Caneel	391.8
58 Mech. Room	107.8
126 Sheet Metal	109.8
1125.60 Plating	103.8
96 Electrician	204.8
1177.07 Plating	107.8

1943'	1943'
2969063	2969063
<u>Summary</u>	2969063
To transfer the following as of Dec. 30, 1916	

1038 Drill Press Curr. Adv. 10,929.16	
240 Electrician	1,778.08
1177 Mech. Room	24,407.11
1201 Phone	21,246.38
1177 Plating	21,063.26
1108 Sheet Metal	223.03
378 Sheet Metal	10
301 Sheet Metal	6,703.8
1105 Drill Press	12,706.10
137 Jiffing Co. Lath	219.60
351 Lathes	2,154.29
1173 Plating	2,412.25
391 Caneel Green	2,706.57

1944'	1944'
3047347	3047347
<u>Summary</u>	3047347
To transfer the following as of Dec. 30, 1916	

1177 Mech. Room Curr. Adv. 17,11.34	
1103 Plating	33,369.11
1291 Caneel Green	2,341.54
378 Jiffing Co. Lath	105.8
1105 Drill Press	2,000.36
351 Lathes	2,015.55
1201 Phone Room	383.26

Orange 23, January 3, 1917

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To transfer the following as of Dec 31, 1916.			
Bowditch Curr. Adv.	5.00	218.8	
Am. Assoc.	46.13	207.1	
Blacksmith	.18	109.1	
Local Metal	2.04	409.1	
Mech. Assoc.	419.70	407.5	
Capas. Assoc.	3241.46	351.2	
Local Dept.	19.49	338.10	

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To transfer the following as of Dec 31, 1916.			
107.79	107.79	338.8	
12,122.61	12,122.61	391.5	
2,546.56	2,546.56	307.1	
1,224.23	1,224.23	407.5	
660.17	660.17	391.2	
20,870.98	20,870.98	407.5	
275.92	275.92	407.5	
275.48	275.48	407.5	
54.70	54.70	407.5	
21,364.64	21,364.64	407.5	
14.75	14.75	407.5	

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To supplement of 1915, 1916 To transfer the above amounts as of Dec 31, 1916.			
<u>1911 Bowditch Curr. Adv.</u>			
To transfer the above amounts to the Central Social League. Supplement to previous transfer of same date.			
311	311	14.17	
376	376	31	
107	107	36.26	
100	100	26.98	
101	101	46.21	
101	101	12.57	

Orange 23, January 3, 1917

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To bring the Contracting to into proper agreement with the physical inventory of Jan 31, 1917.			
Photographs 6, 102.77			
<u>1911 Bowditch Curr. Adv.</u>			
To bring the Contracting to into proper agreement with the physical inventory of Jan 31, 1917.			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To bring the Contracting to into proper agreement with the physical inventory of January 31, 1917.			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			

1915		1915	1915
<u>1911 Bowditch Curr. Adv.</u>			
To bring the Contracting to into proper agreement with the physical inventory of January 31, 1917.			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			
1911 Bowditch Curr. Adv. (Thru) 22 Jul 72			



Orange 26 January 3, 1977

✓ Account Receivable 1968 15,000.00  
Accounts Payable 7 15,000.00

To transfer the above amount as of  
 January 3, 1977.

✓ Mr. Lee Contract Bld. 15,000.00 Mr. Lee Bld. 31

✓ Account Receivable 1969 152,292.61  
Accounts Payable 153 152,292.61

To transfer the above amount from  
 the Mr. Lee Receivable to the Lee Ledger.

✓ Mr. Lee Contract Bld. 15,229.26

✓ Account Receivable 1970 118.00  
Accounts Payable 33 118.00

To transfer over Lee Rec. 3001 from Class  
 Rec. to Lee's Payable Ledger.

✓ Mr. Lee Export Bld. 118.00 Mr. Lee Export Bld. 9

✓ Administration Expenses 1971 196327.00  
Construction of Buildings 11 196327.00

To transfer 7% amortization on 10,116.70  
 acquisition of E.W. concrete buildings, at  
 10% amortization on 20,000.00, plus  
 of E.W. frame buildings for January 1977.

✓ Administration Expenses 1972 550.00  
Account Payable 69 550.00

To transfer the interest for account  
 interest on bond for the month  
 of January, 1977.

✓ Administration Expenses 1973 24,145.60  
Construction of Equipment 15 24,145.60

To transfer 10% amortization on book  
 value of Machinery & Equipment for  
 the month of January, 1977.

✓ Account Payable 1973 121.00  
Accounts Payable 33 121.00

To transfer the above amount as of Jan 31, 1977.  
 ✓ Phone Sales Co. 121.00 Mr. Lee Contract Bld. 9

Orange 26 January 3, 1977

✓ Inventory 1974 15,121.93  
Inventory 16,121.93

To bring the Fixed Investment to  
 complete agreement with the Fixed  
Investment for 2d January 3, 1977.

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

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✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

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✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

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✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

✓ 1975 Cabinet Bld. 15,121.93 1975 Cabinet Bld. 15,121.93

Orange, N.J. January 3, 1917

2 Accounts Receivable	1976	151.1	151.1
To transfer the above amount from the General to the Public Ledger			
1. Sub. Exp. Acc. Bal. 11 <sup>00</sup>			
2. Sub. Exp. Acc. Bal. 11 <sup>00</sup>			
33 Accounts Payable	1977	92.2	92.2
To transfer the above amount as of January 3, 1917.			
1. Sub. Exp. Acc. Bal. 92.2			
1 Accounts Payable		121	121
To transfer the above amount as of January 3, 1917.			
1. Sub. Exp. Acc. Bal. 121			
2 Accounts Receivable	1978	6490.2	6490.2
To transfer the following account from the Gen. Exp. Acc. to the Public Ledger			
1. Sub. Exp. Acc. Bal. 6490.2			
33 Accounts Payable	1979	46093.25	46093.25
To transfer the following account from the Gen. Exp. Acc. to the Public Ledger			
1. Sub. Exp. Acc. Bal. 46093.25			
33 Accounts Payable	1980	770.2	770.2
To transfer the following account from the Gen. Exp. Acc. to the Public Ledger			
1. Sub. Exp. Acc. Bal. 770.2			
33 Accounts Payable	1981	17460.22	17460.22
To transfer the following account from the Gen. Exp. Acc. to the Public Ledger			
1. Sub. Exp. Acc. Bal. 17460.22			

Orange, N.J. January 3, 1917

401 Paying Dept. Exp.	1982	1931.800	1931.800
To supplement P.E. 1939 to transfer the above amount as of Jan. 3, 1917.			
401 Paying Dept. Exp.	1983	592.52	592.52
To correct P.E. 1939 on P.E. 1917, on P.E. of error in posting, 592.52			
401 Paying Dept. Exp.	1984	23.00	23.00
To bring the Elec. Dept. Material & Supply P.E. into the agreement with the physical inventory as Jan. 3, 1917.			
201 Electrical Dept. Exp. Acc.	1985	3655.44	3655.44
To transfer P.E. 796 to 1985 as follows:			
(53.00) 4100 Material & Supply			
(192.70) 3100 Material & Supply			
33 Accounts Payable	1986	8498.92	8498.92
To transfer, with item on P.E. 1917, on P.E. of error in posting, (1917.25)			
1. Sub. Exp. Acc. Bal. 8498.92			
33 Accounts Payable	1987	9468.92	9468.92
To correct P.E. 770 to transfer the above amount as of Jan. 3, 1917.			
1. Sub. Exp. Acc. Bal. 9468.92			
33 Accounts Payable	1988	02.2	02.2
To correct P.E. 1917 on P.E. 1917, on P.E. of error in posting			
1. Sub. Exp. Acc. Bal. 02.2			
33 Accounts Payable	1989	1432.39	1432.39
To correct P.E. 1917 to transfer the above amount as of Jan. 3, 1917.			
1. Sub. Exp. Acc. Bal. 1432.39			

Orange H. L. February 28. 1917.

Manufacturing Expenses		1960	1961
2 months No Manufacturing Expenses		276.	266.5
Balance at 30/6/60 from the preceding			
statements to 30/6/60			
37 1/2 Printing & Post Exp. etc.	585.50		
100 1/2 Fuel Power	914.45		
100 1/2 Repainting	2472.05		
100 1/2 Abrasive material	182.27		
100 1/2 Chemicals & stuffs	160.79		
35 1/2 Tools Mpt.	2405.73		
100 1/2 Fuel Motor	6446.15		
118 1/2 Co. Lines	308.25		
35 1/2 Tapes Record	391.50	100.00	
90 1/2 Tools Record	754.00		
36 1/2 Screen Mktg.	2415.37		
118 1/2 Cotton	111.57		
100 1/2 Blanket	172.50		
37 1/2 Washing	2415.50		
30 1/2 Sewing Machine	27.00	100.00	

1911 Book		1904	1926
General Expense			897 <sup>th</sup>
Transfer the Subscriptions of Book Receipts		✓	722.67 + 335.
988	271.51 General Receipts	3	
988	17 Accounts Payable	33	
91	Subscribed Pay Roll	65	
88	780.72 Subscribed Pay Roll	176	
194	91.87 News	337	
9	900.26 Notes	219	
98	129.90 Other	311	
256	236.77 News Account	207	
10	282.26 Insurance	706	
69	221.55 News Account	351	
20	269.59 News Notes	361	
18	111.11 Nothing to Pay	274	
76	285.68 Paying	101	
28	908.48 Cash Balance	541	
98	291.12 Paying	173	
97	770.71 Paying	177	
161	700.00 Paying	177	
31	475.70 Cash Balance	177	
31	512.30 Cash Balance	109	
78	575.40 Cash Balance	109	
115	405.00 Cash Balance	161	

To transfer the Int. Analysis of Cash Receipts

990	271.15	Alameda	39
236	17	Alameda	39
51	216	Alameda	16
58	720	Alameda	176
124	90	Alameda	338
9	700	Alameda	219
43	42	Alameda	381
256	256	Alameda	202
10	238	Alameda	204
69	221	Alameda	351
23	369	Alameda	361
18	111	Alameda	379
76	280	Alameda	161
28	908	Alameda	341
43	291	Alameda	129
97	714	Alameda	129
15	714	Alameda	129
34	714	Alameda	129
14	714	Alameda	129
14	714	Alameda	129
14	714	Alameda	129

Orange N.J. February 28<sup>th</sup> 1917

<u>1</u> <u>Liabilities</u>	<u>1992</u>	<u>5.70</u> <u>521.21</u>	
<u>Cash</u>	97		<u>2170</u> <u>521.21</u>
To transfer the balances of cash			
disbursements for February 1971.			
301 Pay Acc	11582.89		
67 Accrued Int On Bonds	366.00		
131 Est. 10% Bldg Bonds	12,000.00		
257 Notes Payable	100,000.00		
261 Current Surplus	620.10		
33 Accounts Payable	777,058.91		
156 Contract Dep. Cont. Adv.	107,100.13		
333 Resv	15,044.57		
215 Surtax	12,205.24		
351 Laths	101,129.74		
200 Prov. Assn	262,026.91		
204 Insurance	10,049.58		
3501 Prop. Assn	65,013.12		
361 Sewer Rate	29,168.04		
379 Jt. Inv. Fund	28,200.61		
161 Repaving	12,777.70		
371 Council Assoc.	83,226.76		
403 Cleaning	62,916.32		
417 Cleaning Buff.	70,027.76		
467 Madison Assoc	135,123.57		
425 Shell Assoc	72,466.93		
421 Prov. Assn	218,109.00		
409 Shell Mktl	20,755.11		
109 Blacksmith	11,201.41		

To transfer the Analysis of Cash Disbursements for February 1917.

241	Pay Roll	1152.89
64	Account Int. On Inves	346.00
31	6% Int. On Bonds	120.00
25	Stock Register	10.00
761	Insurance Expense	652.10
33	Accounts Payable	747.45
154	Endorsed Stpt. Curr. Ac.	107.10
33	Notes	15.44
218	Notes	12.25
281	Notes	101.10
220	Acct. Debit	218.24
218	Clearing	10.25
351	Acct. Debit	10.25
361	Acct. Debit	27.48
371	Notes	23.24
461	Refunding	12.75
491	Current Cases	3321.76
493	Plating	62.96
417	Plating Buff.	70.25
457	Machinist's Acct.	136.02
458	Steel Press	70.69
461	Acct. Debit	411.19
499	Steel Metal	27.71
109	Blacksmith	112.25

1. <u>Swagires</u>		1993	26.6.94.20.5
	<u>Revel Dept Comm. 1944</u>	335	26.6.94.20.5
To transfer the following balances as of 1/1/1994			
374	Dr Jettling Co. Sub. Curr. Acc.	1,512.11	
103	Dr Clothing Dept	6520.00	
351	Dr Kettel	6.00	
427	Dr Mech. Equip.	16,236.00	
351	Dr Balco	25,629.90	
202	Dr Thoro	17.00	
391	Dr Bank Bal.	5,114.23	
361	Dr New Make	15,235.00	

Orange N.J. February 28th 1917

1994 ✓		17307.95a	17307.95a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
772.23 Printing & Copy. Curr. acc.	417.		
9,041.85 Printing Dept.	453.		
35,992.97 Cash	381.		
2,950.00 Sewer Mch.	361.		
362.46 Printing Mch.	372.		
113.14 Sewer Pipes	391.		
25,110.07 Paper Accm.	351.2		
2,111.15 Thru.	302.		

1995 ✓		96,10,50a	96,10,50a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
1,032.00 Printing Dept. Curr. acc.	453.		
337.17 Cash	381.		
1,101.15 Sewer Pipes	391.		
59,522.00 Sewer Dept.	361.		
74,110.00 Printing Mch.	372.		
3,000.00 Paper Accm.	352.		
1,000.00 Thru. Shipping	317.		

1996 ✓		190,19,52a	190,19,52a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
2267.59 Sewer Mch. Curr. acc.	391.		
4,200.35 Cash Dept.	381.		
32,592.70 Thru. Shipping	317.		
2,090.75 Sewer Mch. Dept.	361.		
22,100.00 Paper Accm.	352.		
2,111.15 Thru. Shipping	372.		

1997 ✓		30,8,15a	30,8,15a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
341.00 Sewer Mch. Curr. acc.	391.		
341.00 Sewer Mch.	361.91		
341.00 Printing Mch.	110.64		
341.00 Cash Dept.	2,192.05		

Orange N.J. February 28th 1917

1998 ✓		5153.35a	5153.35a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
341.00 Sewer Mch. Curr. acc.	391.		
341.00 Sewer Mch.	361.25		
341.00 Printing Mch.	12.58		
341.00 Cash Dept.	2,993.20		

1999 ✓		22,546.2a	22,546.2a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
4,667.07 Printing & Copy. Curr. acc.	417.		
2,272.23 Cash Dept.	381.		
10,911.90 Paper Accm.	352.		

2000 ✓		2,946.29a	2,946.29a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
350.00 Paper Accm. Curr. acc.	391.		
372.00 Printing Mch.	225.71		

2001 ✓		2,800.00a	2,800.00a
<u>Sundries</u>			
I transfer the following balances as of Jan 31, 1917			
211.00 Sewer Dept. Curr. acc.	391.		
211.00 Electrical	651.69		
211.00 Jewell	26.35		
415.00 Mech. Accm.	7,958.91		
415.00 Printing	9,526		
415.00 Sewer Mch.	1,099.07		
415.00 Sewer Mch.	7,646.97		
415.00 Cash Dept.	11,652.49		
415.00 Sewer Mch.	18,592.02		
415.00 Sewer Mch.	1,432.85		
372.00 Printing Mch.	2,772.51		
341.00 Sewer Pipes	1,525.01		
341.00 Paper Accm.	1,525.01		
341.00 Sewer Mch.	11,325.01		

Orange N.J. February 28. 1907.

134 Bow Paper Curr. Est.

2003

2092.70

3593.70

January

To transfer the following balances as of 1-31-07

358.46	Estimate Curr. Est.	156.
135.65	Plating	42.
28.00	Steel	32.8.
2834.65	Apex. Acct.	357.
432.62	Mech. Acct.	417.
2.53	Phone	202.
59.40	Electric	202.
1.11	Jobbing & Misc.	375.

134 Bow Paper Curr. Est.

2003

2273.97

2323.97

January

To transfer the following balances as of 1-31-07

242.52	Apex. Curr. Est.	361.
532.60	Jobbing & Misc.	375.
468.16	Apex. Curr. Est.	381.
274.65	Plating	109.
35.68	Steel Metal	391.
136.12	Steel Metal	409.
1007.10	Plating Dept.	435.
16.91	Phone	335.
200.17	Plating Dept.	447.
1.11	Estimate Dept.	156.

134 Bow Paper Curr. Est.

2004

1561.26

1661.26

January

To transfer the following balances as of Jan 3-07

368.46	Estimate Dept Curr. Est.	257.65
381.16	Plating	1825.42
401.00	Phone	5.80
335.00	Steel	87.00
347.00	Jobbing & Misc.	234.15
417.00	Mech. Acct.	20.89.07
427.00	Plating	92.19
391.00	Apex. Curr. Est.	271.69
359.00	Apex. Acct.	452.39
409.00	Steel Metal	501.62
305.00	Phone. Acct.	117.43
417.00	Plating Dept.	1515.77
361.00	Apex. Dept.	2109.77

Orange N.J. February 28. 1907.

134 Bow Paper Curr. Est.

2005

1866.19

1866.19

January

To transfer the following balances as of Jan 3-07

381.00	Apex. Curr. Est.	1.77
417.00	Mech. Acct.	3.00
200.00	Phone	18706.16
391.00	Apex. Curr. Est.	200.00

134 Bow Paper Curr. Est.

2006

342.95

342.95

January

To transfer the following balances as of Jan 3-07

335.00	Apex. Curr. Est.	125.95
375.00	Mech. Acct.	232.84
417.00	Mech. Acct.	56.71.12
381.00	Plating	904.99
391.00	Apex. Curr. Est.	157.65
200.00	Phone. Acct.	50.00
417.00	Plating	13.07.49
417.00	Plating	17.17
361.00	Apex. Curr. Est.	2.05
361.00	Apex. Curr. Est.	46.75

134 Bow Paper Curr. Est.

2007

17393.27

17393.27

January

To transfer the following balances as of Jan 3-07

375.00	Jobbing & Misc. Curr. Est.	135.16
417.00	Mech. Acct.	213.39
417.00	Plating	2222.13
417.00	Plating	1.15.61
401.00	Jobbing & Misc.	17.90.63
200.00	Phone. Acct.	2.02
391.00	Apex. Curr. Est.	42.94.77
361.00	Apex. Curr. Est.	33.6.79
381.00	Apex. Curr. Est.	175.11
417.00	Job. (incl. Crad. & Misc. Ac)	7.00

134 Bow Paper Curr. Est.

2008

4601.36

4601.36

January

To transfer the following balances as of January 3-07

375.00	Jobbing & Misc. Curr. Est.	375.00
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Orange N.Y. February 25. 1917

<u>Liabilities</u>	2009	52373.05	52373.05
<u>John J. Cunningham</u>	2010		
2 transfer the following balance as of 1-31-17			
1001 Home Accts. Curr. Adv. 23,926.37			
1002 Merch. 32,424.40			
1003 Polishing 2,518.77			
1004 Sewing Machine 1,646.85			
1005 Polishing Wheel 760.14			
1006 Lathes 1,073.50			
1007 Planing 611.75			
1008 Sewing Machine 1170.32			
1009 Office Accts. 1.00			
<u>Accounts Receivable</u>	2010	2991.00	2991.00
<u>Accounts Payable</u> 33			
2 transfer the following to as of 1-31-17			
1001 Home Accts. Curr. Adv. 29,926.37			
<u>Accounts Payable</u> 33	2011	1510.00	1510.00
2 transfer the following to as of 1-31-17			
1001 Home Accts. Curr. Adv. 15,100.00			
<u>Accounts Payable</u> 33	2012	1510.00	1510.00
2 transfer the above amount to the Cash			
1001 Home Accts. Curr. Adv. 15,100.00			
<u>Accounts Payable</u> 33	2013	1291.00	1291.00
2 transfer the above amount representing			
amounts raised through Ed W. Connel			
on serv. 11,000.00			
<u>Accounts Receivable</u>	2014	345.00	345.00
<u>Accounts Payable</u> 33			
2 transfer the above amount to the Cash			
1001 Home Accts. Curr. Adv. 345.00			

Orange N.Y. February 25. 1917

<u>Accounts Receivable</u>	2015	1462.00	1462.00
2 transfer the above amount to the Cash			
1001 Home Accts. Curr. Adv. 1462.00			
<u>Accounts Payable</u> 33	2016	320.00	320.00
2 transfer the above amount to the Cash			
1001 Home Accts. Curr. Adv. 320.00			
<u>Accounts Payable</u> 33	2017	500.00	500.00
2 create reserve for the following equip.			
on approval as per General			
Office Service Dept. Memo #105			
One Sewing Machine and 1000 Sewing Dept.			
1001 Home Accts. Curr. Adv. 500.00			
<u>Accounts Payable</u> 33	2018	61987.15	61987.15
2 set up on books of Sewing Dept. gross			
value of equipment as at Aug. 1-1916			
<u>Accounts Payable</u> 33	2019	61643.70	61643.70
2 set up on books of Sewing Dept. reserve			
for amortization of equipment as at 1-1-16			
<u>Accounts Payable</u> 33	2020	100000.00	100000.00
2 transfer the amount of Home Payable			
issued during February 1917			
Home National Bank			
1. 21307.00 = 25,000.00			
1. " 25,000.00			
1. " 25,000.00			
1. " 25,000.00			

Orange 27, February 21, 1917

33 Accounts Payable	2021 <sup>1</sup>	119.	119.
Jelling Dept. Curr. det. 39.			
I transfer the above amount as of Feb. 17			
1 Excess Storage Battery Co. 109 <sup>1</sup>			
34 Cash, Cash Curr. det.	2022 <sup>1</sup>	2697.02	2697.02
North Sea Process			
I supplement previous adjustment entry			
And transfer the above amount as of Feb. 17			
110 Shares Estate Curr. det.	2023 <sup>1</sup>	612.15	612.15
North Sea Process			
I supplement previous adjustment entry			
And transfer the above amount as of Feb. 17			
231 North Sea Process	2024 <sup>1</sup>	12487.	12487.
Based Dept. Curr. det. 318			
I supplement previous adjustment entry			
And transfer the above amount as of Feb. 17			
Det. to Machines - 12487			
341 National Gas Supplies	2025 <sup>1</sup>	177572.	177572.
Fuel Dept. Curr. det. 335			
I correct previous adjustment entry and			
transfer the above amount as of Feb. 17			
441 National Gas Supplies	2026 <sup>1</sup>	101564.	101564.
Chem. Dept. Curr. det. 202			
I adjust hardware for short inventory			
to Feb. 28 1917			
341 Fuel Dept. Curr. det.	2027 <sup>1</sup>	12000.	12000.
National Gas Supplies			
I adjust changes made on inventory			
sheets by drawing services Dept. after			
adjustments had been made			
33 Accounts Payable	2028 <sup>1</sup>	3.92	3.92
Fuel Dept. Curr. det. 109			
I transfer the above amount representing			
the memo for 25.7 to E.W. Control Dept.			
O.E.W. Fuel Dept. Dept. 3.9			

Orange 27, February 21, 1917

1 Landings	2029 <sup>1</sup>	385.	385.
I adjust memo in connection of			
inventory as of January 3, 1917			
441 National Gas Supplies	2030 <sup>1</sup>	300.	300.
North Sea Process (Memo)			
110 Cash, Cash Curr. det.	2031 <sup>1</sup>	300.	300.
North Sea Process			
I transfer the balance standing in the			
to of Cash, Cash Curr. det. as of Feb. 17			
from (Banking to Cash, Cash Curr. det.)			
341 Cash, Cash Curr. det.	2031 <sup>1</sup>	29000.	29000.
North Sea Process			
I transfer the remaining of equipment			
on hand in Cash, Cash Curr. det. as per			
inventory of Feb. 17			
241 Electrical Dept. Curr. det.	2032 <sup>1</sup>	100.	100.
North Sea Process			
I transfer the above amount representing			
ing connecting made on Electrical			
Dept. invoice 300.			
110 Cash, Cash Curr. det.	2033 <sup>1</sup>	3929.	3929.
Accounts Payable			
I transfer the above amount representing			
Det. (441) invoice in favor of National Gas			
Supplies 3929.6600 in full for C. C.			
241 Manufacturing Expenses	2034 <sup>1</sup>	19902.	19902.
Fuel Dept. Curr. det. 339			
I transfer the balance of Manufacturing			
to the books of E.W. Control			
341 Fuel Dept. Curr. det.	2035 <sup>1</sup>	161739.	161739.
National Gas Supplies			
I transfer the value of 223477 less of demand			
except 500 per lb. taken into Fuel			
Dept. books as of Feb. 17			

Orange N.J. February 28-1917

378 <u>James Dept. Curr. Adv.</u>	2036 <sup>1</sup>	6,152.42	6,152.42
To transfer the value of 1916 R. R. dividend paid R. 300.56 per R. R. dividend from inventory of Jan. 31, 1917.			
153 <u>Stocks Receivable</u>	2037 <sup>1</sup>	327.2	327.2
To transfer above amount as of 2/1/17 (McLure Mus. Adv. Adv.)			
154 <u>Current Adv. Curr. Adv.</u>	2038 <sup>1</sup>	2,500.00	2,500.00
To transfer the following balance as of Feb. 28, 1917 (McLure Mus. Adv. Adv.)			
379 <u>Accounts Payable</u>	2039 <sup>1</sup>	47.45	47.45
To transfer the above amount representing adv. bills drawn on Rock House Dept. Adv. error.			
1. McLure Mus. Adv. Adv. 47.45			
155 <u>Thos. A. Edison Inc.</u>	2040 <sup>1</sup>	150.00	150.00
To transfer the following balance as of 2/1/17 (McLure Mus. Adv. Adv.)			
156 <u>Stocks Receivable</u>	2041 <sup>1</sup>	43.19	43.19
To adjust inventory as per auditor's report of Feb. 28, 1917			
380 <u>Accounts Payable</u>	2042 <sup>1</sup>	19,535.11	19,535.11
To transfer the above amount representing adv. bills drawn on Rock House Dept. Adv. error.			
381 <u>Accounts Payable</u>	2043 <sup>1</sup>	55,000.00	55,000.00
To transfer the above amount representing adv. bills drawn on Rock House Dept. Adv. error.			

Orange N.J. February 28-1917

157 <u>Thos. A. Edison Inc.</u>	2044 <sup>1</sup>	361.20	361.20
To transfer the amount of 1917 R. R. dividend paid R. 300.56 per R. R. dividend from inventory of Jan. 31, 1917.			
382 <u>Accounts Payable</u>	2045 <sup>1</sup>	154.72	154.72
To transfer the above amount as of 2/1/17 (McLure Mus. Adv. Adv.)			
383 <u>Accounts Payable</u>	2046 <sup>1</sup>	12,534.20	12,534.20
To transfer the amount of invoice dated as of Feb. 28, 1917			
1. McLure Mus. Adv. Adv. 12,534.20			
384 <u>Accounts Payable</u>	2047 <sup>1</sup>	7.12	7.12
To transfer the amount of invoice dated as of Feb. 28, 1917			
1. McLure Mus. Adv. Adv. 7.12			
385 <u>Accounts Payable</u>	2048 <sup>1</sup>	69.25	69.25
To transfer the amount of invoice dated as of Feb. 28, 1917			
1. McLure Mus. Adv. Adv. 69.25			
386 <u>Accounts Payable</u>	2049 <sup>1</sup>	235.00	235.00
To transfer the amount of invoice dated as of Feb. 28, 1917			
1. McLure Mus. Adv. Adv. 235.00			
387 <u>Accounts Payable</u>	2050 <sup>1</sup>	422.00	422.00
To transfer the amount of invoice dated as of Feb. 28, 1917			
1. McLure Mus. Adv. Adv. 422.00			

Group A. February 21-1917

33 Accounts Payable	2051 <sup>1</sup>	7975.12 <sup>2</sup>	
<i>Transfer from</i> <i>Accounts Payable</i> 33		7975.12 <sup>2</sup>	
To transfer Balance of February Cash Adjustments are follows			
2. Mutual Penn. Dividend	21.53		
3. Corp. & Maintenance Inv	7500.00		
3. Mutual Pictorial Riv	30		
3. New Penn. Mfg. Riv	20.00		
3. M. S. inc. Bonds	2505.13		
4 Accounts Receivable	2052 <sup>1</sup>	1970.55 <sup>2</sup>	
To transfer above amount to reconcile the Cash Cash	To Accounts Receivable 3	1970.55 <sup>2</sup>	
7. General Admin. Service	490.55		
31. General Dividend	1,479.10		
9 Accounts Receivable	2053 <sup>1</sup>	2041.81 <sup>2</sup>	
To transfer above amount to reconcile the Cash Cash	To Accounts Payable 33	2041.81 <sup>2</sup>	
11. General Admin. Service	2041.81		
General Dividend	775.39 2.		
New Admin. Service	1266.42 2.		
33 Accounts Payable	2054 <sup>1</sup>	4977.89 <sup>2</sup>	
To transfer following bills from all of J. A. Edson Laboratory to Cash for Jan. 1916 211.61 Nov 20 1916 286.28	J. A. Edson Laboratory 17	4977.89 <sup>2</sup>	
J. Thomas Edson Laboratory 47.89			

Group A. February 28-1917

9 Accounts Receivable	2055 <sup>1</sup>	58.94 <sup>2</sup>	58.94 <sup>2</sup>
To transfer Accounts Payable bills from Lillian Briggs to James	To Accounts Payable 33		
2. 58.94. Edson Storage Building Co	58.94 2.		
17. Thomas Edson Laboratory	2056 <sup>1</sup>	3997.52 <sup>2</sup>	3997.52 <sup>2</sup>
To transfer from Lillian Briggs to James Cash Cash are follows	To Accounts Payable 33		
Jan. 2. 11. 3997.52			
Jan. 12. 7. 1000.00			
12. 7. 1000.00			
J. A. Edson Lab	3997.52 2.		
33 Accounts Payable	2057 <sup>1</sup>	326.18 <sup>2</sup>	326.18 <sup>2</sup>
To transfer the following bills transferred in favor of J. A. Edson Laboratory. Should be J. A. Edson Personal.	To Accounts Payable 33		
Nov. 11. 12. 326.18			
8. 11. 12. 326.18			
J. J. A. Edson Laboratory	326.18		
J. J. A. Edson Personal	326.18		
33 Accounts Payable	2058 <sup>1</sup>	10000.00	10000.00
To transfer Cash Paid in Accounts Payable from J. A. Edson Lab. To J. A. Edson Personal	To Accounts Payable 33		
April 500.00			
Nov. 17 500.00			
J. J. A. Edson Personal	1000.00		
J. J. A. Edson Lab	1000.00		
5 Accounts Receivable	2059 <sup>1</sup>	5.51 <sup>2</sup>	5.51 <sup>2</sup>
To transfer January bill 5.11 from 24. of Thomas Edson 1000	To Accounts Receivable 3		
To E. S. L. L.			
2. Edson Storage Building Co	5.51		
5. Edson Personal	5.51		

George H. February 28<sup>th</sup> 1917

9. Accounts Receivable 2060'  
 To transfer from Cash Memo "901" form  
 the Receipts to General Ledger, as the Exhibit  
 did not put through our list "901" dated  
 June 27<sup>th</sup> 1916.

2. Edwin Strong Battery Co. 70.40

32. Accounts Payable 2061'  
 To transfer from Cash Memo "901" form  
 and transfer above amount from Cash Memo  
 to former.

5. 520.81 Edwin Strong Battery Co. 520.81

9. Accounts Receivable 2062'  
 To transfer the following bills from Cash Memo  
 to former, as they have been by New Receipt  
 Numbered as  
 Aug 27.16 1.12  
 Jan 28.16 25.16  
 Apr 27.16 17.51

15. Lee Kena 2063' 50.00

15. Thomas A. Peterson Dec 2063'  
 To transfer from Cash Memo "901" form  
 and transfer above amount from Cash Memo  
 to former.

Admission from Dec 1st J.

30. Accounts Payable 2064'  
 To transfer July Bill Henderson and February.

2. General Division 6.00

George H. February 28<sup>th</sup> 1917

32. Accounts Payable 2065'  
 To transfer from Cash Memo "901" form  
 and transfer above amount from Cash Memo  
 to former.

2. J. A. Brown Dec 1916

32. Accounts Payable 2066'  
 To transfer above amount from Cash Memo  
 to former, as they have been by New Receipt  
 Numbered as

5. 257.1 Thomas A. Peterson Dec 2067'

9. Accounts Receivable 2067'  
 To transfer the following items from former  
 to former, as they have been by New Receipt  
 Numbered as  
 Jan 28.16 25.16  
 Apr 27.16 17.51

32. Construction Manual Dec 90

3. Accounts Receivable 2068'  
 To transfer from Cash Memo "901" form  
 and transfer above amount from Cash Memo  
 to former.

32. C. M. Dec 705.51

Thomas A. Peterson Dec 1916 1091.89

32. Accounts Payable 2069'  
 To transfer July Bill Henderson and February  
 and transfer above amount from Cash Memo  
 to former.

Orange N.J. February 28<sup>th</sup> 1917

37 Thomas Edison Inc. 2070

A/c Payable 39

To transfer from former a/c to latter the following bills rendered by E.M. Edison which were transferred to the former a/c but no transfer was made as of E.M. Edison from 6 Dec. 1916.

E.M. Edison 1700

E.M. Edison 1000 1000

E.M. Edison 2000 2000

Accounts Payable

2071

A/c Payable

To transfer from former a/c to latter the following bills rendered by E.M. Edison which were transferred to the former a/c but no transfer was made as of E.M. Edison from 6 Dec. 1916.

38 Edison Storage Battery Co. 2072

A/c Payable 39

To transfer Cash paid during 1916.

Edison Storage Battery Co. 1000 1000

39 Accounts Payable 2073

Edison Storage Battery Co. 136

To transfer bills dated prior to Dec. 1st 1916

Edison Storage Battery Co. 1000 1000

39 Accounts Payable 2074

A/c Payable 156

To transfer bills dated prior to Dec. 1st 1916

Edison Storage Battery Co. 1000 1000

40 Edison Dept. Curr. Adv. 2075

Edison Dept. Curr. Adv. 172

To correct 3rd item on 1/1/17 as transfer the above amount as of 1/1/17.

2996

2996

29468

29468

1345032

1345032

4468

4468

345

345

17291

17291

Orange N.J. February 28<sup>th</sup> 1917

41 Much. Acct. Curr. Adv. 2076

Much. Acct. Curr. Adv. 17233.16

To transfer 1<sup>st</sup> item on 1/1/17 on account of error in posting (23,616.57)

42 Manufacturing Expense 2077

Much. Acct. Curr. Adv. 17277.11

To transfer the Mfg. Expense balance as of 1/1/17 to the General Expense Ledger.

43 Cash. Acct. Curr. Adv. 2078

Edison Dept. Curr. Adv. 17277.11

To correct 1st item on 1/1/17 on the General Expense Ledger.

44 Cash. Acct. Curr. Adv. 2079

Edison Dept. Curr. Adv. 17656.02

To receive 13<sup>th</sup> item on 1/1/17 on the General Expense Ledger.

45 Cash. Acct. Curr. Adv. 2080

Edison Dept. Curr. Adv. 17697.02

To correct 1/1/17 as the above amount should have been charged to Cash. Adv. originally.

46 Cash. Acct. Curr. Adv. 2081

Edison Dept. Curr. Adv. 200

To correct 2nd item on 1/1/17 on the General Expense Ledger.

47 Cash. Acct. Curr. Adv. 2082

Edison Dept. Curr. Adv. 21989.00

To receive 109947 on 1/1/17 on account of manufacturing expense.

48 Cash. Acct. Curr. Adv. 2083

Edison Dept. Curr. Adv. 15687.00

To give supplementary adjustment of Cash. Acct. Curr. Adv. as of 1/1/17.

Orange N.J. February 28. 1917

3 <u>Accts Receivable</u>	2084	100000	100000
<u>Accts Receivable</u> 3			
To transfer the above amount as of Feb. 7			
Consignments to Consignments to			
103 W.S. Williams \$100.00 J.C. Conantaker 103			
104 <u>W.S. Conant, Inc.</u>	2085	270	270
<u>Accts Payable</u> 32			
To transfer the above amount as of Feb. 7			
To advise see papers on file under			
this J.C. number			
W.S. Conant & W.S. Conant, Inc.			
2086			
<u>Accts Payable</u>		160316	160316
<u>W.S. Conant, Inc.</u>			
To transfer from J.C. of Cash paid on			
Feb. 7 to J.C. number			
W.S. Conant, Inc. 125.98			
• " " 126.72			
33 <u>Accts Payable</u>	2087	371423	371423
<u>Energy Inc. Battery Co.</u> 136			
To record bills sent prior to Dec. 1, 1916			
received in January (Batteries 2083)			
E. Conant, Inc. Battery Co. 371423			
33 <u>Accts Payable</u>	2088	10000	10000
<u>Accts Receivable</u> 3			
To correct J.C. 1916 on % of 7th item			
having been transferred to 103rd instead			
of 103rd			
E. W. Conant, Inc. Dec. 1000 W.S. Conant, Inc. 10			
104 <u>W.S. Conant, Inc.</u>	2089	12510	12510
<u>Accts Payable</u> 32			
To transfer balance of Nov. 1916. Letter			
to the General Ledger.			
W.S. Conant, Inc. Dec. 1000			
104 <u>Manufacturing Expenses</u>	2090	36220	36220
<u>Home Repair Co. Dec. 1000</u>			
To correct 10% included in 10th item on Feb. 1916			
on % of manufacturing			

Orange N.J. February 28. 1917

104 <u>W.S. Conant, Inc.</u>	2091	10000	10000
<u>Accts Payable</u> 32			
To correct 2nd item on Feb. 2009 transfer			
and 10th item.			
1 <u>Manufacturing Expenses</u>	2092	155000	155000
<u>Manufacturing Expenses</u> 32			
To transfer the following \$1114.57 omitted			
on Feb. 2006 to 10th item on Feb. 2009			
amount on			
104 <u>Manufacturing Expenses</u>	2093	1446870	1446870
<u>Accts Payable</u> 32			
To correct 1114.57 error on Feb. 2006 to 10th item			
paid on Feb. 2006			
153.79 W.S. Conant, Inc. Dec. 1000			
33 <u>Accts Payable</u>	2094	10000	10000
<u>W.S. Conant, Inc.</u> 1000			
To correct error on 10th item of Feb. 1917 -			
on % of subtraction			
D. W.S. Conant, Inc.			
33 <u>Accts Payable</u>	2095	109570	109570
<u>Manufacturing Expenses</u> 32			
To transfer the Manufacturing Expenses			
Expenses as of Feb. 7 to the General Ledger			
Expenses			
33 <u>Accts Payable</u>	2096	40770	40770
<u>Manufacturing Expenses</u> 32			
To correct error in expenses of			
Manufacturing			
33 <u>Accts Payable</u>	2097	250990	250990
<u>Manufacturing Expenses</u> 32			
To correct difference between selling price			
of actual cost for February 1917			





Change M. J. February 28<sup>th</sup> 1917

411 Polishing & Buffing Dept. Current Advances

33 Accounts Payable

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 322.76 Polishing & Buffing Dept.  
Polishing & Buffing Dept. 17370.25

33 Accounts Payable

Polishing Dept. Current Advances

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 7713.59 Polishing Department  
Polishing Department 2627.26

33 Accounts Payable

Phone Repair Dept. Current Advances

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 1459.02 Phone Repair Dept.  
Phone Repair Dept. 153.55

411 Blacksmith Dept. Current Advances

33 Accounts Payable

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 222.04 Blacksmith Dept.  
Blacksmith Dept. 767.15

411 Drill Press Dept. Current Advances

33 Accounts Payable

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 158.09 Drill Press Dept.  
Drill Press Dept. 5778.11

7025.19  
322.76  
17370.25

7813.91  
516.65  
2627.26

1459.02  
1305.68  
153.55

707.91  
57.21  
767.15

5620.02  
157.09  
5778.11

Change M. J. February 28<sup>th</sup> 1917

33 Accounts Payable

Madison City Dept. Current Advances

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 9019.17 Madison City Dept.  
Madison City Dept. 755.66

411 Japan Dept. Current Advances

33 Accounts Payable

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 1721.10 Japan Dept.  
Japan Dept. 1869.20

Phone Assembly Dept. Current Advances

Accounts Receivable

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 1521.55 Phone Assembly Dept.  
Phone Assembly Dept. 26735.53

33 Accounts Payable

Jobbing & Tool Current Advances

To transfer the following cts as of Jan'y 27<sup>th</sup> 1917

E. 132.10 Jobbing & Tool Dept.  
Jobbing & Tool 132.10

411 Lawn Machine Dept. Current Advances

Lawn Machine Dept. Current Advances

To bring Forward Investment cts as to agreement

with Paul Investment cts

E. 61957.15 Lawn Machine Dept.  
Lawn Machine Dept. 61957.15

411 Jobbing & Tool Current Advances

Thomas Abbotson's Loan

To transfer the balance of Jobbing & Tool cts on Loan

Dept. under Agmt to Jobbing & Tool but on Loan 1112.00

9019.17  
755.66  
12997.50

1869.20  
1721.10  
3610.30

26735.53  
1521.55  
45201.21

132.10  
132.10

61957.15  
61957.15

1112.00  
1112.00

Orange N.J. February 28<sup>th</sup> 1917

172. Thomas A. Brown Laboratory	277.08 <sup>+</sup>	277.08 <sup>+</sup>
From Machine Dept. B.O. No.		
To correct 10 <sup>th</sup> item on J.S. 1916 transferred		
in error		
173. Potting Soil Dept. Current Advances	277.08 <sup>+</sup>	277.08 <sup>+</sup>
From Machine Dept. Current Advances		
To Supplement previous entry and transfer		
above amount to the proper c/s of J.S. 1916		
174. Accounts Payable	16.00 <sup>+</sup>	16.00 <sup>+</sup>
From Dept. Current Advances		
To Supplement 1916 on c/s of above		
being omitted		
175. 16.00 From Machine Dept.		
176. From Machine Dept. Current Advances	16.00 <sup>+</sup>	16.00 <sup>+</sup>
From Clerk Dept. Current Advances		
To transfer above amount in accordance to		
previous entry of 7/1/17		
177. From Machine Dept. Current Advances	502.56 <sup>+</sup>	502.56 <sup>+</sup>
Accounts Payable		
in c/s of 7/1/17 being omitted		
Call in Entry		
From Machine Dept. 502.56 <sup>+</sup> E.		
178. Accounts Payable	15.38 <sup>+</sup>	15.38 <sup>+</sup>
Accounts Receivable		
To transfer the above as of 7/1/17		
179. 15.38 Joseph Joseph Bros. 12.38		
180. Income Suspense	02 <sup>+</sup>	02 <sup>+</sup>
Accounts Payable		
To correct error in amount on our		
remittance of 12/1/16		
Income Suspense 02 <sup>+</sup> c.		

Orange N.J. February 28<sup>th</sup> 1917

3. Accounts Receivable	115.50 <sup>+</sup>	115.50 <sup>+</sup>
Accounts Receivable		
To transfer the following as of 7/1/17		
1. 115.50 Road Sales		
Amount Paid 115.50 101.		
3. Accounts Receivable	497.26 <sup>+</sup>	497.26 <sup>+</sup>
Accounts Receivable		
To transfer the balance on Sub Dept. of		
to Lake Department of 7/1/17		
12. 497.26 Lake Dept.		
General Dept. 111.23 37.		
Rep. 291.41 62		
Shaker Dept. 92.62 64.		
372. Potting Soil Dept. Current Advances	722 <sup>+</sup>	722 <sup>+</sup>
From Clerk Dept. B.O. No.		
To reverse record item on J.S. 1916		
on c/s transferred in entry		
202. Photographic Assembly Current Advances	1572 <sup>+</sup>	1572 <sup>+</sup>
Reproduction Assembly B.O. No.		
To correct fiscal item on J.S. 1916, as above		
amount had been previously transferred 7/1/17		
203. Reproduction Study B.O.	14.22 <sup>+</sup>	14.22 <sup>+</sup>
Potting Soil B.O. No.		
To correct our entry of above transfer		
dated 7/1/17 as per J.S. 1916.		
21. Accounts Payable	292.68 <sup>+</sup>	292.68 <sup>+</sup>
Accounts Payable		
To transfer balance of 292.68 on Jan. 1 1917		
from c/s of E.S. B.O. No. 292.68		
Remittance of E.S. B.O.		
2. 292.68 Rep. Study Assembly E.S. B.O. 292.68 7.		

Orange N.J. February 28<sup>th</sup> 1917

39 Accounts Payable 11,023.16  
 To transfer Cash Paid on February, and  
 charged to J.A.C. Laboratory, to the  
 following Accounts  
 2. Moline Plant of J.A.C. 135.95  
 2. Phenol 189.21  
 Laboratory of J.A.C. 11,023.16

31 Accounts Payable 46,226.21  
 From Cashy Freight Advances 20.22  
 Accounts Receivable 3 26,728.52  
 To transfer the following Amounts as of  
 Jan. 31<sup>st</sup> 1917. 18,455.58  
 E. 453,221.21 From Assembly Dept.  
 From Assembly 161,555.58

1000 United Press Dept. Current Advances 1000  
 Accounts Payable 31 1000  
 To cancel J.E. 2097. This entry is necessary  
 on account of Corrected Minutes having  
 been expensed in previous transfer.  
 United Press Dept. 10.00 E.

37 United Press Dept. Current Advances 10,000  
 United Press Dept. bill. 10,000  
 To correct 12<sup>th</sup> item on J.E. 2007

31 Accounts Payable 8.53  
 Accounts Payable 31 8.53  
 To transfer the following Amount as of  
 2/1/17.  
 E. 8.53 United Press Dept.  
 Cash Dept. 8.53 E

Orange N.J. February 28<sup>th</sup> 1917

31 Accounts Payable 2022.00  
 31. Cash Dept. Current Advances 2528.79  
 Accounts Receivable 3 4552.83  
 To transfer the following of as of 2/1/17  
 E. 2022.00 Cash Dept. 2528.79

31 Accounts Payable 31,192.60  
 Accounts Receivable 3 2132.49  
 Cash Dept. Current Advances 35 25768.57  
 To transfer the following of as of 2/1/17  
 E. 31,192.60 Reproduced - Cash Dept.  
 Cash Dept. 2132.49

✓ Surveys 37,250.38  
 Accounts Payable 3 21,141.19  
 Cash Payable 3 5769.19  
 Pay Roll 3.5 11502.99  
 To transfer the Analysis of Surveys for the  
 Month of February 1917

111 Materials Supplies 91,275.98  
 271 Manufacturing Expenses 22,121.77  
 71 Administrative Expenses 1587.29  
 271 Machinery & Equipment 2912.22  
 111 Depreciation of Equipment 85.42  
 33 Contingents - Building and Property 316.00  
 221 Insurance for Surveys 1947.50  
 271 Fuel Expenses 4025.17  
 701 Income Expenses 5006.61  
 241 Cost of Work in Process 26009.19  
 271 Salaries 1001.27

271 Manufacturing Expenses 45,000.00  
 Current Taxes 61 45,000.00  
 Reversal for Current Taxes Making of Feb. 7  
 26532.50 21032.50  
 71 Administrative Expenses 21,032.50  
 Reversal for Depreciation of Equipment  
 15% Reversal for Depreciation of Equipment 21,032.50

George A. J. February 28<sup>th</sup> 1917

## Accounts Receivable

Sale

Manufacturing Expenses  
Capt. D. B. M. Reynolds  
Cost of Ship in Process

307	455 876.52	455 755.49
276		109.72
153		249.15
331		190

To transfer the Analysis of Sales for the Month of February 1917

## 55 Buildings

271 Manufacturing Equipment  
113 Administration Expenses  
113 Equipment  
331 Cost of Ship in Process

276	5261.03
271	9160.87
113	1611.38
113	12617.30
331	64527.8
276	19212.55

Stock in Process 331

To transfer January Ship Order and Miscellaneous Orders for February 28<sup>th</sup> 1917

71 1003.29 Freight Charges  
5123.99 Marine

January Ship Order 55550.31

## 331 Work in Process

To transfer % Manufacturing Order to %  
of Ship Order, as of Feb 28<sup>th</sup> 1917.

61 5126.99 January Ship Order  
Manufacturing Order 5126.99

5126.99	5126.99
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## 331 Accounts Payable

John's Tool Supply 372  
To transfer J.E. 2012 27.515 as the entry  
has failed Case of when transferring %  
Payable  
E. 120 John's Tool Supply

## 172 Administrative Expenses

To transfer 5% on Order 19  
5% Out on Order 122000 for Month  
of February 1917

550.00	550.00
--------	--------

George A. J. February 28<sup>th</sup> 1917

## 331 Accounts Payable

Manufacturing Expenses 276  
To transfer following Bill attached to Feb 1917  
Order 519 as same were paid to the  
E.D. Works Center in New, having also  
been added to the previous Month's Order  
John's Tool Supply Bill Feb 15 71.51

271	2.51
276	1.45

## E. 801 John's Tool Supply

## 276 Manufacturing Expenses

John's Accounts Payable 331  
To transfer August R.M. 1925, as this bill  
has not been received by the John's Tool Supply  
prior to clearing when Order 75059.  
Difference of 51 R.M. 1925 balance by  
John's Tool Supply 517, transfer for 517

John's Tool Supply 331 E.

## 72 Administrative Expenses

To transfer 5% on Order 19  
Manufacturing Order 5126.99  
Validation of E.D. Works Center Charges  
and 16% on Order 122000 Validation  
of E.D. Works Center Charges for Feb 1917

## 276 Manufacturing Expenses

Accrued Taxes 61  
Transfer for Accrued Taxes for Month  
of January 1917. This entry omitted  
in January

80.51	80.51
-------	-------

350	350
-----	-----

2015.91	2015.91
---------	---------

46000	46000
-------	-------

George A. J. February 28<sup>th</sup> 1917

331. Work in Process

To Work in Process

To transfer to Manufacturing Accounts  
the following amounts from our Monthly  
Ledger to the Division Transfer Accounts

4. 355.50 of Phonograph

11. 456.77 Misc Orders 1.10

159. 4639.07 Club Membership

89. 5515.52 P.K.

22. 165.09 Electrical Apparatus

20. 1094.01 P.K. Misc

Phonograph A. 7. 306.21 75.133

Electrical Misc. 504.23 32.279

Misc Orders. 456.77 1.10

P.K. M. 4639.07 199

P.K. Misc. 1094.01 77

P.K. 5515.52 279

Electrical Apparatus. 165.09 169

332. Work in Process

Work in Process

To Charge Phonograph North Debt Column  
appearing in North Policy & at 75877

1. Phonograph 3373.31 North Policy 152

162. Material &amp; Supply

To Work in Process

To transfer balance of Packing & Shipping  
acc to Material & Supply as P.K.

Material so now considered Work.

Packing &amp; Shipping 4160.1 4160.1

333. Work in Process

To Work in Process

To correct distribution of Oct 16. 1899.  
Set Oct 15. 1899 24 to Set Experimental Issues to 1.10

9. January 1899. 18.75 February Experimental 216

331. 364500.550

332. 364500.550

3373.31

3373.31

4160.1 4160.1

4160.1 4160.1

4375

4375

George A. J. February 28<sup>th</sup> 1917

301. Profit &amp; Loss

Sales

500.09 910

500.09 910

To correct J.E. 1869 on the above Card.  
Should have been changed to P.K.  
instead of Sales.

Phone. 800.09 910

327. Sales

Work in Process

753.69 2.01

753.69 2.01

To deduct from Sales etc. Mechanisms  
billed to Mechanical Piano Division of M.E. Co.  
during the Months of August, September, October  
and November 1916. These Mechanisms were  
shipped by the Sales to the Sales and  
distributed to Work in Process etc. which  
leaves two etc. reflected by the amount  
shown above.

August Bill 285.60 01.

September. 233.79 36.

October. 225.49 91.

November. 696.71.

1. Phonograph 753.69 2.01 Phonograph 1

322. Jeffrey &amp; Son Dept. Merchandise

Check Dept. Current February 2.51

4160.1

4160.1

To adjust interest on Contract General Agency  
Credit Department. Transfer balance to other  
during the period April 1916 to Feb 28 1917

324. Electrical Dept. Current Advances

Phone Advances Dec. 1.58

158.11

158.11

To cover shortage charged on Electrical Dept.  
Transfer of 10/10/16 amount 22 and balance  
to Credit Dept. 1/10/16 on Electrical  
Dept. Transfer of 11/10/16 amount 160.78

Orange S. J. February 28<sup>th</sup> 1917

3. Accounts Payable

Elect. Dept. Current Advances

To transfer amount of Electrical Dept.  
Invoice # 325 dated 1/24/17 not previously  
recorded by General

6. 64.81 Electrical Dept.

25. Electrical Dept. Current Advances

Account Payable 32

To transfer the amount of Inv. # 22617  
as of 1/24/17.

Electrical Dept. 9.23 6.

26. Manufacturing Expenses

Elect. Dept. Current Advances 21.5

To correct bill # 9 rendered by Gen. Dept.  
Inv. # 1461. This error was discovered  
after Electrical Dept. Financial Statement  
has been rendered as of 1/24/17

27. Sales

E. P. Weeks Departmental Sales

Work in Process Departmental

To correct distribution of Sales Dept.  
Invoice to General Account of E. P. Weeks  
Feb. 28 1917.

28. 172.01.05 Photographs

29. Electrical Dept. Current Advances

Invoice to General Account 15.1

To correct amount transferred to Sales Dept.  
from the invoice of E. P. Weeks Sales Dept.  
on Electrical Dept. Transfer of 1/24/17. The  
E. P. Weeks Sales Dept. Current Advances  
were properly charged from the Departmental  
Transfer.

64.81

64.81

9.23

9.23

01

01

192.01.05

192.01.05

13.75

13.75

Orange S. J. February 28<sup>th</sup> 1917

27. Machinery &amp; Tools

27. General Expenses

146.50

74.731.03

89.076.53

To transfer Laboratory Experimental Dept.

Order as of 1/24/17

Machinery &amp; Tools

General Expenses

46. 1791.24

46. 12811.28

46. 16.50

46. 24.46

46. 146.50

46. 589.10

46. 431.17

46. 53.73

46. 124.50

46. 27.6.32

46. 21.75

46. 80.60

46. 190.87

46. 35.83

46. 22.8.14

46. 972.3.06

46. 2.24.38

46. 74.731.03

Laboratory Experimental 89.076.53

3. Accounts Receivable

Accounts Receivable 3

To transfer the following February Balances  
to the cts of E. P. Weeks Sales Dept.

13. 330.07 Lake Dept.

Gen. Dept. 15.52

Shipping 122.71

Specimen Mfg. Dept. 22.02

31. Accounts Payable

John G. Fox Current Advances 32

Accounts Receivable 3

To transfer the following balances to the  
Central General Ledger as of 1/24/17

8. 22.67.12 John G. Fox Dept.

John G. Fox Dept. 23.50.33

330.07

330.07

22.67.12

15.16.79

23.50.33

Charge M<sup>y</sup> February 28<sup>th</sup> 1917

✓ Sundries

The Sundries

To bring the Fund Department up to agreement with the Fund Department of the of the Marine E.P. Bonds Dept as at 7/1/17

197	Cash Dept Fund Dept	160.35	Cash Fund Dept	185.
211	Phone Clerk	191.55	Phone Clerk	202.
217	Payroll Dept	313.39	Payroll Dept	335.
217	Payroll Dept	147.21	Payroll Dept	218.
222	Telephone Dept	163.56	Telephone Dept	241.
222	Telephone Dept	697.43	Telephone Dept	357.
230	Phone Press	126.51	Phone Press	391.
235	Payroll Dept	796.55	Payroll Dept	461.
235	Payroll Dept	591.61	Payroll Dept	469.
235	Payroll Dept	323.69	Payroll Dept	479.
235	Payroll Dept	1121.31	Payroll Dept	479.
235	Payroll Dept	51.6	Payroll Dept	479.
235	Payroll Dept	1115.23	Payroll Dept	479.
235	Payroll Dept	1117.77	Payroll Dept	479.
235	Payroll Dept	5810.73	Payroll Dept	479.
235	Payroll Dept	113.31	Payroll Dept	479.
235	Payroll Dept	27.03	Payroll Dept	479.
235	Payroll Dept	1371.31	Payroll Dept	479.

31 Accounts Payable

Elect Dept Payroll Department  
Accounts Receivable

To transfer the following cts as of 1/1/17

E. 3516.53 Total Dept

Elect Dept 600.15 29

296 Manufacturing Expenses

Payroll Dept Fund Dept

To account interest on current advances  
of 296.17 Total Dept at 2/1/17

16215.71

16215.71

3516.53

2916.11

600.15

20

20

Charge M<sup>y</sup> February 28<sup>th</sup> 1917

✓ Sundries

Accounts Payable

31

1324.59

1324.59

10

To transfer the supplemental closing of the Sundries Analysis

142	6376	Manufacturing Expenses
276	6.00	Manufacturing Expenses
336	64.81	Work in Process

31 Accounts Payable

31

9013.91

1458.13

10552.29

To transfer the following Balances as of 1/1/17

E. 1458.13, Loan Machine Dept

Loan Machine Dept 25

10552.29

151 Loan Machine Dept

Accounts Payable 31

55

55

To transfer the amount of our debt  
oucher #127 to the General Ledger  
as 20th Jan 1917

335 Work in Process

5552.31

Buildings	55
Manufacturing Expenses	271
Payroll Dept	113
Payroll Dept	111
Cost of Work in Process	335
Manufacturing Exp.	276

5361.02

9460.67

1611.31

17617.30

6227.41

19012.10

To transfer Journal Entry of 1/1/17, as  
a large number of April Orders included  
in this transfer, have been charged direct  
to the various cts, and have not been  
transferred

126 1003.29 54

Phone 5623.99 11

91 5552.31, January Dept Order

George A. J. February 25<sup>th</sup> 1917

70 Administrative Expense	To Accrued Int on Bonds	69	100.00	100.00
To set up on Books correct amount of Interest accrued on E.P.W. 5% - 100.00				
Outstanding 7/1/17. 130.00 on M.B.W. 5% 55.00				
549 Notes Payable	Account Payable	549	100.00	100.00
To correct found item on 10/1/17 as above amount should have been charged to Notes Payable instead of Acc Payable. This amount in payment of 10/1/17 interest bond.				
70 Administrative Expense	Accrued Interest on Notes Payable	70	100.00	100.00
To set up on Books interest accrued on Notes Payable at 5% - 7/1/17				
200.00 @ 5% - 7/1/17 - 91.60				
100.00 @ 5% - 1 - 12.40				
59 Personal Equipment %	Thomas Watson Inc	59	152.58	152.58
To transfer balance standing in % of 20.00 as the correct locate to items which make up this amount.				
70 Manufacturing Expense	To Accrued Taxes	70	100.00	100.00
To bring reserve for Accrued taxes to 7/1/17, up to amount paid for the same period last year.				
3 Accounts Receivable	To Exchange Building	3	257.68	257.68
To transfer % of E.P.W. to ex. Res. Bldg.				
233 65 General Storage Building				

George A. J. February 25<sup>th</sup> 1917

70 Administrative Expense	Reserve to Amortization Building	70	523.06	523.06
To set up on Books above amount representing depreciation expense % as the same accrued did not take care of this item to 7/1/17				
37 Real Expense	Manufacturing Expense	37	11992.06	11992.06
To close out Real Expense % to 7/1/17				
The amount to be closed to Manufacturing Expense for the present Real Expense, Taxes, Depreciation and all things in connection with the Buildings have changed to %				
271 Machinery & Equipment	Reserve to Amortization of Equipment	271	61,523.17	61,523.17
To transfer fund former to better % Depreciation originally recorded on same Machine & Equip.				
70 Manufacturing Expense	Pay Roll Accrued	70	592.19	592.19
To set up on Books Accrued Pay Roll as at 7/1/17 on basis found as follows:				
Office Pay Roll 7/1/17 \$ - 592.19				
Building Power - 1 - 70.57				
Equipment Maintenance - 1 - 212.50				
Phone Service - 1 - 297.35				
276 Manufacturing Expense	Reserve for Accrued Expenses	276	100.00	100.00
Reserve for 1916 Accrued Expenses 100.00				
Office February Books shows closed 100.00				



George A. J. February 28<sup>th</sup> 191733<sup>rd</sup> Work in Process

To Reserve for Inventory  
the last adjustments  
to Reserve column amount to total sum of  
1 hour Assembly 30.00 1000000  
in April, but which appears to cost  
of Phonographs sold in February 1917

318.54<sup>a</sup>318.54<sup>a</sup>34<sup>th</sup> Work in Process

To Reserve for Inventory  
the last adjustments  
to Reserve column amount to total sum of  
Inventory adjustment entry given to the  
Dept in March. This entry was to adjust  
Inventory for 7547

19.60<sup>a</sup>19.60<sup>a</sup>35<sup>th</sup> Reserve for Inventory

the last adjustments  
Materials & Supplies  
To pick up in Reserve those entries  
the following items, which have been  
the date to be handled before closing the  
books  
Accumulative Reserve for Credit 30 260.00  
to 1000000 24444 44 114.68<sup>a</sup>

714.68<sup>a</sup>714.68<sup>a</sup>36<sup>th</sup> Materials & Supplies in Transit

Materials & Supplies  
To Credit Materials & Supplies to credit amount  
charges to that of through analysis of  
processes, representing material received  
in one statement after 75477. but paid  
for prior to 75477

164.11 66<sup>a</sup>164.11 66<sup>a</sup>37<sup>th</sup> Materials & Supplies

To Account Payable  
To transfer from amount as of 75477. Even including  
Material sold with price to the 1000000  
to 1000000 24444 44 114.68<sup>a</sup>

26<sup>a</sup>26<sup>a</sup>George A. J. February 28<sup>th</sup> 191732<sup>nd</sup> Work in Process

Materials & Supplies  
To adjust Book Inventory and bring same  
in to agreement with Physical Inventory  
as of 75477

566.60<sup>a</sup>566.60<sup>a</sup>

Book Inventory 102.602.90  
Physical Inventory 24.946.70  
566.60

31<sup>st</sup> 566.60 Phonographs

## 21 Reserve for Materials &amp; Supplies

125000000

## 22 Reserve for Work in Process

175000000

## 23 Reserve for Machinery &amp; Equipment

175000000

## 24 Reserve for Buildings

125000000

## 25 Reserve for Contingent Liabilities

200099100

Profit & Loss  
To Reserve previous entry sitting up about  
Reserves, as they are not considered necessary.

500099100<sup>a</sup>26<sup>th</sup> Annual Adjustment of

Thomas Edison Retiring 1912

115259<sup>a</sup>115259<sup>a</sup>

To bring Laboratory to an Edison Retiring  
in to agreement with the 1000000  
Books of 75477. To 1000000 the same  
April 1916 = 516.

20<sup>th</sup> Profit & Loss

To C. A. M. Royalty

266450<sup>a</sup>266450<sup>a</sup>

Phonograph Royalty

1400000<sup>a</sup>

To close out latter as of 75477

20<sup>th</sup> Profit & Loss

Edison Research Co 757

16500<sup>a</sup>1000<sup>a</sup>16500<sup>a</sup>

To pick latter amount deposits latter

Edison Research Co closed to 1000000  
instructions of Mr. W. M. Menden and  
Mr. T. J. Owen.

George A. J. February 28<sup>th</sup> 1917

172 Thomas A. Edison Laboratory  
 Accounts Payable 31.  
 To transfer all of Thomas A. Edison Lab  
 Bal. ad to Accounts Payable of Edgar  
 Thomas A. Edison Feb. 28<sup>th</sup> 1917.

70 Accrued Interest on Notes Payable  
 Estimated Expense 72.  
 To Close out Reserve ad as there is no  
 interest accrued on these notes, it having  
 been paid at the time the notes were discounted.

261 Income Tax Expense  
 Profit & Loss 301.  
 To transfer above amount to P & L leaving  
 a Reserve of 6000.00 to take care of  
 Federal Provisions not expensed.

336 Work in Process  
 Manufacturing Expense 376.  
 Administrative Expense 72.  
 To transfer latter ad as of 2/28/17  
 from Notes over various purchases, but will  
 charge to the Photograph for construction  
 of the Canal.

33 Accounts Payable  
 Accounts Receivable 3.  
 To transfer above amount from former  
 ad to latter, as as the long balances  
 on our books are to against both the  
 C & M Die Works

27 Construction & Maintenance Dep. 32.

George A. J. February 28<sup>th</sup> 1917

121 Appropriation Surplus of Equipment  
 376 Manufacturing Expense  
 55 Buildings  
 123 Appropriation Surplus of Dep.  
 271 Machinery Equipment  
 336 Work in Process  
 11594.41.  
 14067.1.  
 3453.93.  
 2155.83.  
 17013.75.  
 15125.53.  
 To transfer January Miscellaneous Order  
 to 7/2/17 30.  
 47581.19.

11 15017.53 Reserve  
 33 81.00 Federal Expenses  
 January September 28<sup>th</sup> 1917

72 Administrative Expense  
 Reserve for Amortization  
 of Equipment  
 To adjust Administrative Reserve of 2/28/17  
 15% on 24632.16 14th. 3741.62  
 already charged 2652.25

72 Administrative Expense  
 Reserve for Amortization  
 Buildings  
 To adjust Reserve for Amortization of  
 latter ad of equipment charges to  
 Appropriation Surplus 744.

9 Accounts Receivable  
 To Adjusted Appropriation of 15th  
 To correct 1/2 of Jan 29<sup>th</sup> 1915 transferring  
 100.00 to ad of M & E, as it comes to  
 total balance of 200.00 in the ad.

12 2000.00 Notes Receivable

76 Manufacturing Expense  
 Accounts Receivable 9.  
 To correct statement RM 23052. Amount paid  
 through Journal as all other Bal. are correct  
 Cf. Reserve Nov. 29. 15

Orange N.J. February 28<sup>th</sup> 1917

1 Accounts Receivable *Thomas A. Dean Dec. 1916*

To transfer to the Watson Balance Dec.  
the following bill, suspended to T.A.D. in  
Nov 1916, but which the Watson Balance  
Division did not put through until Feb 1917

R.M. 2077 1.25  
2073 1.25  
2013 .36

2 184 Watson Balance Dec.

3 Accounts Receivable

National Ice Shipping 1851

To cancel our bill Oct. 2171 on the  
same having been received on error.  
The transaction was previously  
handled thro. the Gas Company Ledger  
for connection, purchase and duplicate  
invoices made after same had been  
closed for year  
55,640.00 from Dept. 7820

Manufacturing Balance

Elect. Dept. Curr. Acc. 244  
To correct error in Elect. Dept. recorded 71  
(21) entered as 250 instead of 234

184 Watson Balance, Jan

Divisional Adjustment 59

To supplement previous entry & transfer  
the above as of 7877.

9 Divisional Adjustment

Manufacturing Expense 27

To transfer above amounts in connection  
with previous entry at 7877.

289 Manufacturing Expense

Divisional Adjustment 59

To transfer the balance of this department to  
Manufacturing Expense at 7877.

1.81 a

1.51 a

7920 a

7920 a

38 a

38 a

21.84 a

21.84 a

21.84 a

21.84 a

135987 a

135987 a

Orange N.J. February 28<sup>th</sup> 1917

761 Income Suspense

Revenue for Interest Included  
in Investments 2500000

Revenue for Administrative  
Expenses Included in Investments 200

To transfer balance of Income Suspense to  
as above 7877

775 Work in Process

Revenue for Investments 7000000

To set up reserve as above at 7877

11 70000.00 Photographic

301 Profit & Loss

Revenue for Profits Included  
in Statement of Profit &  
Production Net by 7877

To set up Reserve as above at 7877

301 Profit & Loss

Revenue for Income Tax 1000000

To set up Reserve for Income Tax as above  
at 7877

307 Sales

To Work in Process 475613.85

To transfer Cost of Sales to 7877

4	465264.70	Photographic	465264.70	11
24	1596.52	Auto. Machines	1596.52	24
24	42991.50	Manufacturing Cost	42991.50	91
184	76013.96	Auto. Machines	76013.96	159
244	1920.70	Scrap	1920.70	173
307	2900.77	To National Adjustment	2900.77	32
84	41772.68	Repeating Instruments	41772.68	87

George A. J. February 28<sup>th</sup> 1917

377 Sales

Profit & Loss

To transfer Net Profit for 1916

✓ 635,601.59 Phonographs  
24 449.13 Radio-Microphone  
17 26,650.54 Other Orders  
15 5,000.00 C.A. Machines  
21 39,491.44 Scrap  
20 1,113.00 Electrical Apparatus  
8 1,113.00 Property, Furniture

691,777.58

691,777.58

378 Work in Process

Material Supply

To account of material consumed in 1916, the  
only necessary brought in having been  
found that subscriptions purchased in 1916  
have also included in Material Supply for  
December 1916.00

To New York City 79.20

11 935.80 Phonographs

935.80

935.80

34 Accounts Payable To Profit & Loss

corrected Entry to adjust for 1916  
through balance for 1916.00. Balance Entry  
now found to have credit balance in  
the following entry, which has been  
been debit balance

7 11.60 I.A. Edison Carbons

7 84.22 I.A. Edison Carbons

95.80

95.80

379 Work in Process

of C.A. Receivable

To Credit Bal of Radio Carbons sold in 1916 on C.A.  
found not correct it

11 2095.00 Phonographs

2095.00

2095.00

**Edison Phonograph Works Records  
Profit and Loss Statements (1899-1911)**

These unbound statements consist of annual profit and loss reports that cover the period March 1899-February 1911. Each statement provides summaries of costs, sales revenues, and inventories at the end of accounting periods. The products covered include phonographs, projecting kinetoscopes, numbering machines, wax, and motors. A few statements provide comparative reports of two consecutive fiscal years, and the information for some years is presented on two sheets.

# EP WORKS

Edison Phonograph Works

**MAR 1 1899**

**MAR 1 1900**

Profits and Losses for twelve months March 1<sup>st</sup> 1899 to March 1<sup>st</sup> 1900.

[illegible]

<u>General Expense</u>	117,695.15	31.8855%	<u>Profits</u>	106,222.69
<u>Depreciation</u>	18,455.89	5	<u>Losses</u>	3,604.30
<u>Total</u>	136,151.04	36.8855%	<u>Net Profits</u>	102,618.39

## MAR 1 1901

<u>General Expense</u>	142,516.49	36.249%	<u>Profits</u>	79,023.67
<u>Depreciation</u>	19,623.74	5	<u>Losses</u>	12,760.00
<u>Total</u>	162,120.23	41.24%	<u>Net Profits</u>	66,263.17

EP WORKS

Edison Phonograph Works

MAR 1 1901  
MAR 1 1902

Profits & Losses for twelve months March 1<sup>st</sup> 1901 to March 1<sup>st</sup> 1902

	Labor Material	General Expenses Depreciation	Amounts not chargeable to cost of labor or material Depreciation	Cost of labor material Depreciation	Profit	Loss
Phonographs	1768164	60964	.....	1829128	1768164	.....
Auto-Mechanical	272227	102227	.....	374454	272227	.....
Patent Merchandise	.....	.....	.....	.....	.....	.....
Stock	112222	44222	.....	156444	112222	.....
Miscellaneous	171672	44222	.....	215894	171672	.....
Spring Motors	126222	44222	.....	170444	126222	.....
Power Motors	126222	44222	.....	170444	126222	.....
Long Distance	126222	44222	.....	170444	126222	.....
Long Distance Sales	126222	44222	.....	170444	126222	.....
Edison Motors	126222	44222	.....	170444	126222	.....
Edison Motors	126222	44222	.....	170444	126222	.....

General Expenses	\$122222.001 %
Improvements & Expenses	122222.077 %
Maintenance of Tools	222222.077 %
Legal	122222.015 %
Experimental	122222.045 %
Total	1222222.074 %

Profits	122222
Losses	222222
Gain	122222
Bad Debts	122222
Bad Interest	122222
Net Profit	122222



Edison Phonograph Works

Profile<sup>3rd</sup> Lenses for twelve months: March 1<sup>st</sup> 1902 to March 1<sup>st</sup> 1903

**MAR 1 1903**

[illegible]

General Expenses	160.85	20.
Improvements & Repairs	5320.21	
Maintenance of Road	4116.85	
Legal	1000.00	
Experimental	826.65	
<u>Total</u>	20812.51	84.85%

<u>Capital</u>	8	<u>123456789</u>
<u>Assets</u>		<u>207777770</u>
<u>Liabilities</u>		<u>121919194</u>
<u>Equity</u>		
<u>Income</u>		<u>123456789</u>
<u>Expenses</u>		<u>123456789</u>
<u>Net Income</u>		<u>123456789</u>
<u>Depreciation</u>		<u>123456789</u>

**MAR 1 1903**  
**MAR 1 1904**

	Labor Material	Energy Expense Depreciation	Transportation Expense Depreciation	Telephone Expense Depreciation	Post Office Expense Depreciation	State Comm.	Sales	Inventory	Insurance Expense Depreciation	Office of Sales Expense Depreciation	Profits	Losses
Thermographs.	40720.00	15764.00		6699.147	6306.07	6822.67	7246.67	24477.41	7457.257	87173.00		
Automatic Recording Machine	24232.66	1122.77	1122.77	2822.50	1122.77	2822.50	2822.50	2822.50	7996.67	10072.41		
Radio Merchandise			1122.77	2822.50	2822.50	2822.50	2822.50			1122.77		
Wax	1122.77	2822.50		2822.50	2822.50	2822.50	2822.50			1122.77		
Miscellaneous	17922.50	1122.77		2822.50	2822.50	2822.50	2822.50			1122.77		
Sum Totals	1122.77	1122.77		2822.50	2822.50	2822.50	2822.50			1122.77		
Respecting Distribution	9021.85	2027.1		6222.50	1122.77	2822.50	2822.50			1122.77		
New Materials			2822.50	2822.50	2822.50	2822.50	2822.50			1122.77		
Cabinets	1122.77	2822.50		2822.50	2822.50	2822.50	2822.50			1122.77		
	2027.1	2822.50		2822.50	2822.50	2822.50	2822.50			1122.77		

[illegible][illegible]

Arbitrator in cases for twelve months, March 1<sup>st</sup> 1904 to March 1<sup>st</sup> 1905

**MAR 1 1905**

[illegible][illegible][illegible][illegible]

**EP WORKS** Edison Phonograph records  
 Profile in Losses for twelve months. March 1<sup>st</sup> 1901 to March 1<sup>st</sup> 1906

**MAR 1 1905**  
**MAR 1 1906**

Profita 1966.6.20.5  
Loma 6.11.1972  
1972.6.32  
Bond. Salinas 1972.6.32  
Bond. Salinas 20.10  
1972.6.18

[illegible]

Profits and Losses for the twelve months ending February 28<sup>th</sup> 1907

**FEB 28 1907**

	Labor and Material	General Expense and Depreciation	Amounts not charged on General Expense and Depreciation	Balance carried over from last clearing year, not charged on General Ex- pense and Depreciation	Total Cost	Sales	Inventory March, 1907	General Expense and Depreciation	Total of Sales and Inventory plus General Expense and Depreciation	Profits
Phosphates	1 164 788.69	332 944.33		184 682.09	742 273.11	1 517 413.92	244 971.42	67 911.32	1 830 246.67	197 922.56
Auto Hauling Machine	38 082.37	10 557.97	21 677.57	10 570.89	80 888.85	87 724.16	8 526.89	2363.84	91 594.89	17 705.54
Bulbs, Meters			5 886.95	1 438.86	3 015.81	3 241.66	1 626.58		4 927.94	1 917.13
Wax	509 935.37	141 324.98		26 059.94	677 359.89	694 477.44	57 520.54	15 424.97	747 943.90	90 584.01
Miscellaneous	12 924.36	2 582.14	1949.84	1 117.25	19 571.70	14 674.77	5 038.98	627.78	23 571.33	3 999.63
Gas, Motors	181.53	50.37		375.35	3 990.20	1 689.22	2 422.91	907.23	5 876.36	1 886.16
Boys, Kerosene	45 811.78	12 720.00		4453.74	62 965.52	52 729.94	8 813.16	2720.14	66 322.24	2366.72
Material, Sales			6 849.28	278.75	7222.00	9 004.05			9 004.05	1 776.05
Carburetor	573 552.34	122 556.71		24 721.90	711 830.95	406 115.79	85 624.62	23 726.97	515 977.39	4146.44
	7 445 275.33	594 716.20	3306364	227 169.36	2 329 224.53	7 782 420.48	418 965.61	115 138.19	3 916 524.77	317 300.24

[illegible][illegible]

Profits	317,300.24
Bank Fees	195.40
Net Phone & Internet 46	11634.09
Insurance	24072.00
Bank Interest	12900.00
	48,801.49
Net Profits	268,498.75

Profit & Loss account			
Surplus Feb 28/1906			75.546.2
Profits " " -1907			268.428.7
Depreciation			344.044.9
Real Estate & Equip <sup>ment</sup> 16 months		\$61.03	\$61.03
Surplus Feb 28/07			368.583.97

# EP WORKS

Edison Phonograph Works  
Profits and Losses for the twelve months ending Feb. 29<sup>th</sup> 1908

**FEB 29 1908**

	Labor and Material	General Expense and Depreciation	Amounts not charged to General Exp. and Depreciation	Balance from General Exp. and Depreciation	Total Cost	Sales	Inventory Oct. 27, 1918	General Expense and Depreciation	Profit of Sales and Inventory plus General Expense and Depreciation	Profit	Loss
Phonographs	1,066 315 20 323 679 44	6	317 882 77	1,196 877 44	1,518 338 89	251 189 55	77,906 04	1,961 043 61	266 466 07		
Radio Phonograph Records	32 421 46 9 897 21	18 956 91	10 890 73	62 966 36	14 566 70	10 633 14	32,421 00	71 247 33	11 291 89		
Batteries Merchandise		10 890 73	62 966 36	2 955 36	2 955 36	15 121 11		4 433 76	1 684 40		
Wax	526 563 13 163 745 48		70 266 46	770 824 67	765 116 68	96 433 15	39 443 97	871 013 50	87 189 13		
Miscellaneous	12 467 97 4 111 33		8 166 56	24 675 86	12 266 89	15 538 02	250 897	27 496 88	921 02		
Gas Motors	241 65 73 77		6 387 14	8 702 56	1 112 37	3 057 14	933 23	5 102 69	500 23		
Ignition Equipment	109 192 29 38 332 67		10 524 30	155 057 41	125 653 63	39 320 34	19 505 54	164 124 51	9 067 10		
Electrical Sales			8 166 95	8 166 95	9 321 17			9 321 17	1 134 27		
Cabinets	349 444 14 166 476 86		109 361 60	567 472 60	412 200 66	103 897 85	31 746 75	549 015 76	16 746 84		
	2101 65 94 641 566 449 23 71 79 154 100 77		330 053 92	2 742 710 09	511 669 83	155 726 56	3 610 316 42	326 254 05	16 746 84		

7/0 30.52671 General Expenses

[illegible]

Distribution

	1905	1906
Machinery & Tools	57,000.00	42,500.00
Automobiles	10,000.00	17,500.00
Goverment	700.00	9,400.00
Gas	100.00	7,200.00
Phone Calls & Printing	2,000.00	10,300.00
Insurance & Fuel	8,000.00	10,000.00
Account Receivables	17,500.00	7,500.00
Accounts Payables	78,000.00	1,000.00
Loan	900.00	1,900.00
		2,400.00

Profit and Loss Account

Josephine Feb. 25/97	343.573.91
Capitol year Feb. 20/97	247.879.27
	591.443.25
Representatives	
Washington Feb. 25/97	935.25
Feb. 20/97	2450.00
Washington Feb. 20/97	236.063.80
Washington Feb. 20/97	188.00
Washington Feb. 20/97	108.865.55
Washington Feb. 20/97	355.547.70
Washington Feb. 20/97	229.191.50



# EP WORKS

Edison Phonograph - Waxes

Profits and losses for the twelve months ending February 28<sup>th</sup> 1909

**FEB 28 1909**

70 30.96697

	Labor and Material		General Expense and Depreciation		Accounts not charged with cost clearing out		Total Cost	Sales	Inventory Feb. 28-1909	General Exp. and Depreciation	Inventory plus cost of general exp. and Depreciation	Profits	Losses
Phonographs	987	782.69	306	886.77		333	132.67	1,326.72	1.326.72	1.14	1,747.87	170.88	19
Batteries Manufacturing Machines	20	797.27	8	440.23	13,747.14	11,386.95	1,360.19	14,747.14	14,747.14	2,355.79	59,711.67	7,197.28	
Batteries Merchandise					1,676.20	1,676.20	1,676.20	1,676.20	1,676.20	1,676.20	1,676.20	1,676.20	
Alcove	313	1,557.22	9,497.74	65		125	897.17	526.20	526.20	8,820.71	59,048.56	68,067.54	
Miscellaneous	41	624.43	128.90	45		15	131.99	6,968.87	6,968.87	1,094.18	87,626.17	17,777.26	
Fun. Motive		338.01	104.68			3,990.27	1,433.26	1,433.26	1,433.26	1,433.26	1,433.26	1,433.26	
Projecting Ventrophen	63	429.63	196.42	17		35	70.88	121,342.49	121,342.49	6,742.21	128,084.70	9,350.03	
Making Sales							8,088.74	8,088.74	8,088.74	8,088.74	8,088.74	8,088.74	
Cabinets	169	327.74	574	356.8		135	615.10	357,378.57	357,378.57	372,997.39	15,618.87		
	1,596	4,757.99	14,432,446.7	20,049.89	667	406.33	2,778,788.48	2,778,788.48	2,778,788.48	155,945.70	3,004,675.77	286,247.69	370.40

### Distribution

Reconciliation		1908	1909	1910
				Deposits
Banking Trust Co		186.00		
First National		700.00	1,800.00	
Bank of America		1,000.00	1,000.00	675.00
Bank of America		938.12	1,014.66	97
Bank		744.18	1,213.97	
Banknote & Letter		1.00	7,646.10	1.00
Machinery & Tools		400.00	405.10	405.10
Bank of America		474.02	463.46	463.46
Bank of America				
Bank of America		11,000.25		
Exchange		500.00		
Banknote & Letter		65,928.62	68,173.36	
Banknote & Letter			2,047.50	
Banknote & Letter		1,556.42	2,016.72	
Banknote & Letter		764.97	659.10	73
Banknote & Letter		100.00	100.00	
Banknote & Letter		240.00	228.00	
Banknote & Letter		5,744.17	2,200.00	
Banknote & Letter		1.00		
Banknote & Letter		1,016.50	744.41	72

Gair

229. 151. 57

## Profit and Loss Account

Debit	credit	Account
Surplus Feb. 29 1908		229.95 50
Profit Feb. 28 1909		279.15 15
		\$49.04 70
Depreciation		
Automobile 1908	225.00	
Truck 1908	75.00 10	
Mach. & Tools 1908	144.91 50	\$400.65
Surplus		414.24 63

## Prohibito

286, 287, 69

Unclaimed Wages

920.15

287. 177. 84.

Looseo

370.40

## Bad Debt (Pura East Co)

4550.14

19.06

## Bond Interest

1700.00

Interest Edison Refig. Co.

3579.68

## Natl. Phono. Co.

2.554.75

Salvage

257. 29.

58. 026. 32

het Profit

229. 151.52

Accounts Receivable

Infy. Co.	19,314.85
Business Phone Co.	6,331.91
Thos. A. Edison	21,827.8
Mrs. " "	219.91
Storage Battery Co.	19,798.10
Leumet Co.	372.89
Batter Accounts	75,644.35
Miscellaneous	45,446.12

## Accounts Payable

Natl. Phone Co.	610.617.76
Pay Roll	12.132.70
Chemical Works	40.24
Miscellaneous	76.310.03

Allowance by Nat'l. Phone Co.	Phone.	221.820.88
" to " " "	Loax	51.720.17



# EPWORKS

Edison Phonograph  
Profits and Losses for

Labor	To 34. 41257		Personal Expense	Miscellaneous not accounted	Rental	Insurance	Totals
	net	gross					Cost
Monthly			By Recurrence	But Expense 2	Not charged	To Recurrence with P. & Wages	
Photographs	639.883.23	240.982.24				110.724.16 489.587.79	1,250.57.01
Auto. Monthly Machine	24.375.88	10.109.20	50.658.00		9.663.19	50.347.79	65.216.67
Auto. Machine			1,396.22			1,433.88	2,830.27
Wax	214.476.63	70.980.45				57.327.17 160.744.78	404.500.85
Miscellaneous	61.708.97	21.209.80				4,636.03	87.638.83
Gas Motor	208.84	71.86				3,000.00	2,966.77
Gas. Motorcar	50.146.24	17.326.49				2,794.00 2,811.47	9,617.97
Working Salaries				9774.88		8,704.96	9,774.88
Carburetor	175.300.16	60.338.21				130.538.88	371.172.29
	1,201,142.03	420,848.78	27,039.50	787,842.07	2,7470.374.38		

	1909	1910	1911
Trading Asset Co	126.00	164.00	
Automobiles	675.00	564.66	685.75
Inventory { Raw material { Finished stock { Depreciating Inv	1,014,666.77	904,700.00	1,111,111.11
"	16,287.24	19,330.72	4
"	13,611.49	7,708.91	3
Cash (Reserve)	57.28	200.34	1
Prepaid & Postpaid	1.00	178.42	100.00
Machinery & Tools	424,033.25	416,249.10	375,201.09
Real Estate & Building	454,426.10	435,837.50	5
Accounts Receivable	60,173.26	77,781.33	1
Insurance Reserve Bonds	30,476.00	30,637.50	1
	1,261,732.66	1,241,245.21	
Accounts Payable	624,100.73	424,738.02	
Unpaid Bond Interest	130.00	1,700.00	
10% Bonds	224,000.00	216,000.00	
Insurance Reserve Fund	20,280.76	20,330.75	
	868,411.49	672,679.77	
	1,014,344.15	1,218,924.98	
Balance		204,450.05	

Surplus Feb. 28 <sup>th</sup> 1909	
Profits " " 1910	
Depreciation	
Automobiles	21%
Mach. & Tools	10%
Inv. & Sundry items	17%
Surplus	

Accounts Receivable		2017	
George Bailey Co.	46,316.77	North Platte Co.	226,412.98
Harmon A. Swenson	12,848.88	Bellevue Mfg. Co.	77,261.33
pm	253.00	Brussels	118,553.71
Leona Gunnar Co.	17,252.50		4324,728.07
Leona Gunnar Co.	586.88		
Leona Gunnar Plow Co.	184.74		
Marschallman	17,585.50		
	74,876.27		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

<i>Saldo</i>	<i>Current Inventory</i> Feb 28 <sup>th</sup> 1910	<i>Amul Exp. and Depreciation</i>	<i>Total of Sales and Inventory plus Amul Expense and Depreciation</i>	<i>Profit</i>	<i>%</i>
1,157,228.88	514,415.50	108,533.66	1,751,231.12	1,751,231.12	15.00
61,331.68	11,449.57	3,885.93	76,152.98	10,866.81	21.40
2,466,962.18	1,629,061.48	1,170.97	4,777,866.20	1,326.95	116.40
367,851.00	46,200.48	20,785.44	477,866.20	47,333.35	15.00
88,526.87	0,172.13	1,321.53	104,779.53	17,496.70	20.40
1,939.67	1,746.90	601.17	4,287.74	1,378.97	288.40
76,888.16	21,057.04	7,414.16	105,359.36	5,458.58	10.40
12,588.27		11,587.27	24,175.54	2,223.39	20.80
51,326.80	96,886.68	33,351.56	181,564.04	10,497.14	10.40
125,157.27	518,445.06	177,833.33	2,721,391.06	2,701,648	

Profits	251.016.68
Uncollected Wages	84.90
	251.101.58

Bonds Debts	166.84	
Bonds Interest	11:00:00	
Edison Mfg. Co. Preferred	2897.79	
National Phone Co. "	23,416.92	46,621.53

Net Profits 204,480.08

Accounts Payable

Grange Battery Co.	46.31	1st Lt. Thomas G.	201.412.98
Thomas A. Harrison	12.00	Sergeant H. J. G.	77.461.53
Dr. " " "	22.	Dr. Williams	118.803.71
Sergeant G. G.	17.5		N.H. 70.8.27
" " " "	15.		
Private William G.	15.		
Dr. Williams	17.50		

5 1/2 Brnds	22x200	21x200	21
Intermountain Brown Fund	20x200	20x200	21
	24x481	27	67x67x77
	111x24x29	111x77x44	
Paris	20x200	20x200	21

# Edison Phonograph Records

Journal Expense year ending July 25 1911

	North	Patton
Stationery		
Catalogues	225.75	407.28
Stationery	128.00	
Automobile	1086.46	
Charity	230.00	
Edison Sales (Inventory)	930.78	2.25
Exhibition		326.33
Experiments	1119.64	
Entertainment		2.50
Insurance	688.61	
Freight & Express	2450.23	422.76
Live & Postment	536.16	
Light, Heat & Power	38,940.80	
Gas & Water	4926.71	
Light	476.81	
Oil	732.24	
Power	1896.74	
Post	160.50	
Real	6638.87	
Superintendent	16794.37	
Relief	71541.03	
Superintendent & San. Officer	6022.95	
Superintendent	1006.59	417.62
Telephone, Electric, Music	30243.99	
Legal	5511.90	1577.96
Maintenance of Tools	64132.34	
Manager, Expresses	994.24	15.00
Miscellaneous	4286.03	116.65
Office	300.00	
Advertising & Publicity	11394.00	
Advertising & Stationery	506.89	622.20
Advertising & Printing	4676.74	
Advertising & Postage	10329.54	
Postage	203.87	246.62
Post	226.00	175.00
Relief	140620.85	
Office	10954.27	150.00
Stocks & Bonds	21447.55	244.70
Shipping	88.00	
Stock	7186.57	
Superintendent	1760.00	
Superintendent	13181.86	
Telephone	1130.09	671.20
Telephone	700.00	20.00
Travel	160.03	
Travel	5501.04	
Telephone	3219.83	
Stocks & Postage	1864.41	
Superintendent	3300.00	
Superintendent & San. Officer	527.95	
Manager Office	1618.00	
	408740.00	15330.54

Comparison of Journal Expense 1910 & 1911

	North	Patton
Stationery		
Catalogues	1476	697.61
Stationery	502.05	
Automobile	1176.75	
Charity	176.00	
Edison Sales (Inventory)	1459.35	30.50
Exhibition		326.33
Experiments	2501.71	
Entertainment		2.50
Insurance	6327.05	
Freight & Express	11227.47	246.62
Live & Postment	279.16	
Light, Heat & Power	6202.71	
Gas & Water	4477.17	
Light	416.97	
Oil	860.86	
Power	6409.47	
Post	380.10	
Real	5603.65	
Superintendent	2560.27	
Relief	12306.64	
Superintendent & San. Officer	1091.72	
Superintendent	8105.58	120.50
Telephone, Electric, Music	1002.16	
Legal	4596.06	297.50
Maintenance of Tools	4227.05	
Manager, Expresses	85.00	25.00
Miscellaneous	3740.91	120.62
Office	700.00	
Advertising & Publicity	1616.34	
Advertising & Stationery	2120.58	120.10
Advertising & Printing	7177.95	
Advertising & Postage	2647.33	
Postage	27.24	246.62
Post	1000.00	150.00
Relief	12571.07	
Office	5522	1020.00
Stocks & Bonds	1266.34	
Shipping	22.10	
Stock	2200.50	
Superintendent	1700.00	
Superintendent	13181.86	
Telephone		186.2
Telephone	416.30	20.00
Travel	310.07	
Travel	1332.83	
Telephone	120.00	
Stocks & Postage	261.10	
Superintendent	3300.00	
Superintendent & San. Officer		25.00
Manager Office	6733.25	1618.00
Advertising		
	15102.78	537.86

1910  
1911

# EP WORKS

Edison Phonograph Works.

**FEB 28 1911**

Profits and Losses for twelve months ending February 28<sup>th</sup> 1911

	General Expense X	Amortized, Rent Security Charges and \$1.00-1.50 net General Expense, depreciable X General Expense, depreciable	General Expense, depreciable	General Expense, depreciable	Total Cost.	Salvage	Inventory July 28, 1911	General Expense X depreciable	Total Value + Inventory plus General Expense depreciable	Profits Good
Photographs	65M42.15	262.67M16	108.233.66	108.233.66	152.146.75	111.974.42	250.06.75	90.374.92	146.746.20	146.962.45
Sub. Punch Machine	30.02.23	11.177.67	15.330.54	14.852.52	71.458.81	6.912.87	6.930.20	2.575.70	78.612.59	7110.03
Ratio Mechanical	—	—	1.025.34	1.639.06	2.724.40	2.523.33	1.434.36	—	4.158.19	1433.97
Map	18.6.89.17	6.9.43.44	7.5.11.11	24.022.41	36.022.41	613.470.83	14.232.93	31.470.83	39.612.44	33.355.13
Miscellaneous	58.32.81	20.115.20	13.31.72	8.254.66	81.534.14	88.186.79	1.355.91	5.147.11	107.140.81	55.636.64
San. Water	7.18.11	24.00	2.308.87	3.324.48	3.324.48	1.288.39	1.063.39	3.950.00	2.466.78	7.70
Arg. Microscope	51.305.68	1.908.77	4.222.62	28.777.18	103.473.25	8.167.53	1.9.81.45	7.382.90	111.850.88	8.440.46
Medical Cables	—	—	9.088.90	—	9.088.90	10.598.87	—	—	10.598.87	10.927.7
Cabinets	120.486.89	44.760.50	53.51.51	130.222.64	295.449.73	314.447.84	6.9.153.29	25.617.01	309.288.82	13.018.89
See	88.84	329.98	—	—	1.258.32	1.529.48	—	—	1.529.48	311.16
	1.100.449.88	468.744.00	29.152.46	60.223.69	223.509.97	1.85.688.70	451.131.44	16.700.880	2473.052.46	237.912.44

		1910	1911	after September
Trinity Street Co	✓	166.00	166.00	
Automobiles		6,145.75	6,145.75	\$ 824.81
Laboratory	✓	900.800.02	608.766.85	
"    Jurnal Gymn.	✓	19,030.72	12,538.61	
Cash		7,710.871	6,566.69	
"    Receiver	✓	230.35	26,692.39	
Sanitation Septoria	✓	1.00	518.88	1.00
Machinery & Tools	✓	3,452.201.09	381,685.01	3,854,462.57
Real Estate Buildings	✓	430,337.30	439,223.35	
Miscellaneous Assets	✓	4.00	4.00	
Accounts Receivable	✓	7,875,833.3	181,908.89	
Notes Receivable	✓	-	2,113.74	
Insurance Receivable	✓	20,637.58	-	
		1,547,320.87	1,856,609.38	
Accounts Payable	✓	143,735.02	22,712.25	
Unpaid Bond Interest	✓	170.00	500.00	
5% Fed. Bonds	✓	216,000.00	200,000.00	
Insurance Payable	✓	30,331.25	26,021.30	
Borrowings Sec. Bo.	✓	-	10,000.00	
		672,672.77	447,207.09	
		1,176,685.10	1,389,402.29	
Total			2,107,011.19	

Supplies Ltd 285 1910		574 698 10
Cargile Ltd 285 1911		210 744 19
Extraction 285	162 144	759 462 34
Automobiles		
Machinery & Tools 285	38 162 50	
Transmission & Lubricants	287 70	40 287 86
Stores		749 050 45

Surplus			
Accounts Receivable			

Edwison Storage Bat. Co.	111,711.79.
" " Mfg. Co.	12,437.25.
" " Oak Grove Co.	19,356.16.
" " Chemico & Herts	5812.99.
" " Portland Cement Co.	74,618.62.
" " Storage Bat. & Supply	3,773,350.
The Condensate Co.	2103.40.
Mrs. A. Edwison (Bat.)	7,963.32.
Mrs. H. A. Edwison	2,722.23.
Edwison Storage Bat. Co.	15,000.00.
Natl. Bat. & Gas. Spl.	592.07.
Levi L. Davis	66,900.
Miscellaneous	2,364.91.
	18,988.19.

[illegible]

Net Trading Profit  
Accounts Payable

National Phone Co	130	931	67
Miscellaneous	96	211	08
	227	142	75

allowance from National House Co

Photographs	15286880
Наф	4180174
	11106706

17435735

17435735

### EDISON PORTLAND CEMENT COMPANY RECORDS

The Edison Portland Cement Co. (EPCCo) was organized on April 15, 1899, and incorporated in the State of New Jersey on June 7, 1899. It controlled the American and Canadian rights to Edison's patents and to machinery relating to the manufacture of cement. Edison was the company's first general manager until 1907, when he succeeded William H. Shelmerdine, a Philadelphia businessman, as president. In the following year Edison resumed the office of general manager and Robert H. Thompson, a Brooklyn-based manufacturer of corrugated steel products, became the company's president. In 1909 Edison was elected chairman of the board of directors. Walter S. Mallory, the founding vice president, succeeded Thompson as president in 1910. Other company officers included William H. Pilling, John F. Randolph, and Harry F. Miller, who served successively as treasurer; and Theron I. Crane, Willard P. Reid, and William E. Horne, who each served as secretary.

During the period October 1899-August 1900 Edison constructed a full-size kiln at his laboratory in West Orange to demonstrate his ideas to the company's investors. In the early 1900s a site for the large-scale quarrying of rock and the production of cement was acquired at Stewartsville, New Jersey. Located approximately forty-five miles west of West Orange, the site was known as New Village. In March 1903, late in the construction phase, a fire at the works destroyed the coal grinding plant and killed at least nine employees, including chief engineer Edward A. Darling. His assistant, William H. Mason, then became plant superintendent. He later invented the hardboard-product known as Masonite.

The Stewartsville plant entered production by November 1903. Edison, who had supervised the design and construction of EPCCo's works, also oversaw its manufacturing activities. He analyzed trouble spots, experimented further with machinery and production methods, and directed changes at the plant. In the first years the product was sold through Pilling & Crane of Philadelphia, but by 1906 the sales function was integrated within EPCCo's administration. The company operated sales offices in New York City, Boston, and Philadelphia, as well as in several southern states, including Florida, Georgia, North Carolina, and South Carolina. In 1908 EPCCo also exchanged rights to cement patents with the manufacturers' pool headed by the North

American Portland Cement Co. In December 1931 the company was renamed the Edison Cement Corp. and became a subsidiary of Thomas A. Edison, Inc.

The records are arranged in seven series: (1) Corporate Files; (2) Minutes; (3) Legal Records; (4) Plant Operations; (5) Financial Records; (6) Letterbooks [not selected]; and (7) Promotional Material [not selected].

A finding aid for the archival record group is available at the Edison National Historic Site. Related documents can be found in the Notebook Series, Document File Series, and Richard W. Kellow and Harry F. Miller Files (Legal Series), as well as in the Edison Ore Milling Syndicate, Ltd., Records (Company Records Series). The New Jersey and Pennsylvania Concentrating Works Records (*Thomas A. Edison Papers: A Selective Microfilm Edition, Part III*) also contains documents relating to the Edison Portland Cement Co.

**Corporate Files.** These records cover the period 1899-1928, with most of the documents dating from 1899-1912. They relate primarily to the activities of company officers and senior managers. Included are correspondence and other documents dealing with the organization, operations, and finances of EPCCo. There are items pertaining to cement production, sales, chemical analyses, quarrying, and product quality. Some of the documents relate to the New Jersey and Pennsylvania Concentrating Works and the Edison Crushing Roll Co.

**Minutes.** These records cover the period 1899-1931. The subjects covered include the election and resignation of officers; the appointment of managers and sales representatives; reports by senior officers and managers; corporate reorganizations; company finances; and the construction, operations, and capacity of the Stewartville works.

**Legal Records.** These records cover the period 1899-1928, with most of the documents dating from 1899-1904. They consist of correspondence, agreements, meeting announcements, and other documents relating to incorporation and financial matters. A few of the documents are written or signed by Edison or bear his marginalia. Included are copies of the company's certificate of incorporation and bylaws; a draft of Edison's report to the stockholders' meeting of April 14, 1903; and a draft of the agreement executed with Edison on June 9, 1899. Other items concern the decisions in 1904 to

double the output of the Stewartsville works and to issue a mortgage bond. Also included is material pertaining to an increase in capital stock in 1907.

**Plant Operations.** These records cover the period 1899-1918. They consist of unbound notes, lists, drawings, calculations, correspondence, reports, notebooks, and pocket notebooks. The records relate primarily to the design and operations of the Stewartsville works. Included are documents dealing with work assignments, output, and costs. A few items concern the employment of Edison's crushing technologies by other enterprises. The records are arranged in four groups: (1) General; (2) Reports; (3) Notebooks; and (4) Pocket Notebooks.

**Financial Records.** These records cover the period 1899-1912 and consist of five general ledger books summarizing transactions relating to the cement works at Stewartsville; company offices in Philadelphia and in Camden, New Jersey; and the model of Edison's concrete house at the West Orange laboratory.

**Letterbooks [not selected].** These records cover the period 1908-1917. They consist of four volumes of outgoing correspondence from the office files of the company treasurer. The letters deal primarily with the routine administration of financial matters.

**Promotional Material [not selected].** These records cover the period 1910-1923. They include clippings, sales brochures, scrapbooks, advertisements, and photographs.

#### **LETTERBOOKS NOT SELECTED**

These four volumes cover the period March 1908-February 1917. They contain outgoing correspondence written by the company's treasurer, primarily during the tenure of Harry F. Miller. The letters deal mainly with the routine administration of financial matters, such as requests for signatures, disbursements and expenditures, the distribution of stock, and calls for payments on coupons. Included are letters of transmittal relating to the receipt of checks and the proceeds of notes, as well as correspondence pertaining to purchases, accounts, and prices. The books are numbered and indexed.

##### **Letterbook, LM-311**

This letterbook covers the period March 1908-July 1909 and consists of outgoing correspondence by the company's treasurer.

##### **Letterbook, LM-312**

This letterbook covers the period July 1909-June 1910 and consists of outgoing correspondence by the company's treasurer.

##### **Letterbook, LM-313**

This letterbook covers the period July 1910-January 1914. It consists primarily of outgoing correspondence by the company's treasurer and secretary. A note on the flyleaf indicates that the book also contains a few items pertaining to storage batteries that should have been filed in the General Letterbooks.

##### **Letterbook, LM-314**

This letterbook covers the period February 1914-February 1917. It consists primarily of outgoing correspondence by the company's treasurer and secretary. Near the middle of the book are several unsigned letters by Edison's secretarial staff pertaining mainly to the purchase of materials for the Chemical Department. They bear marginalia indicating that they were indexed in the General Letterbooks.



### **EDISON PORTLAND CEMENT COMPANY RECORDS CORPORATE FILES**

These records cover the period 1899-1928, with most of the documents dating from 1899-1912. They relate primarily to the activities of the officers and senior managers of EPCCo. Among the correspondents are Edison; Walter S. Mallory, vice president and, later, president; Robert H. Thompson, an investor and director who became president in 1907; Theron I. Crane and his successors as secretary, Willard P. Reid and John E. Horne; William S. Pilling and his successors as treasurer, John F. Randolph and Harry F. Miller. Other EPCCo employees who are correspondents include Edward A. Darling and Frederick Siefke, engineers; Emil Herter and William Simpkin, draftsmen; Herman E. Kiefer, chemist; William H. Mason, superintendent; and Francis R. Upton, sales agent and longtime Edison associate. Included are items concerning the organization of EPCCo and the construction of its cement plant at Stewartville, New Jersey. Also included is material pertaining to land surveys, production, sales, chemical analyses, quarrying, and product quality. Some of the documents relate to the New Jersey and Pennsylvania Concentrating Works and the Edison Crushing Roll Co.

The following categories of documents have been selected: items reflecting Edison's experiments, views on company policies, and direct intervention in, and supervision of, company matters; overviews, summaries, reports, and general descriptions of operations, technologies, company finances, and marketing strategies; descriptions of company products; and other items that bear substantive Edison marginalia. Also included are documents pertaining to Edison's health, schedule, and family, as well as his relations with investors.

The following categories of documents have not been selected: capital calls; meeting announcements; statements of accounts payable; canceled checks and check books; lists of bills; trial balances; payrolls, vouchers, and labor statements; routine employment applications; price lists and quotations; stationery and blank forms; letters of transmittal and acknowledgment; and routine correspondence with vendors and customers. Also not selected are routine letters, memoranda, reports, and cost sheets in the office files of the vice president (1900-1903) and president (1917-1922).

#### Corporate Files - General (1899)

This folder contains correspondence and other documents relating primarily to the procurement of samples for experimentation; demonstrations of Edison's crushing technologies; and the disposal of equipment and supplies from the New Jersey and Pennsylvania Concentrating Works. The correspondents include Edison, Walter S. Mallory, and Francis R. Upton. Some of the letters pertain to meetings with Edison. A few items concern patent rights.

#### Corporate Files - General (1900)

This folder contains correspondence and other documents relating primarily to land surveys and construction activities at the Stewartville works. Among the correspondents are Edison, Walter S. Mallory, and Emil Herter. Included are several undated letters in Edison's hand. One concerns a mechanism to absorb shock from the three-high rolls; others pertain to land surveys, property rights, and tenants, as well as the company's investors from Philadelphia (presumably Theron I. Crane and William S. Pilling). Additional documents deal with the costs and construction of the Stewartville works. Some items indicate payroll expenses at the company's offices in Stewartville, West Orange, and Philadelphia.

#### Corporate Files - Dick, Herman E. (1900)

This folder contains two draft versions of a letter from Edison to Herman E. Dick, his representative at the Edison Ore Milling Syndicate, Ltd. One version, dated May 11, 1900, is in Edison's hand and is attached to a letter from 1921 bearing his marginalia. It includes two drawings of mining operations. The other version, mistakenly dated May 1, 1900, is a typed draft with changes and marginal notations by Walter S. Mallory. The letter, prepared for British cement producers, contains Edison's description of the stages in the cement production process from mining to roasting. Also mentioned is Edison's experimental roaster at the West Orange laboratory and his expectations for a high-capacity, automatic cement plant.

#### Corporate Files - Labor Distribution (1900) [not selected]

This folder covers the period February-July 1900 and contains reports on labor, construction costs, and the administration of the Stewartville works.

#### Corporate Files - Mallory, Walter S. (1900) [not selected]

This folder contains correspondence between Walter S. Mallory and his father-in-law, O. W. Miller. The letters concern real estate and other property. Related material can be found in Walter S. Mallory Papers (*Thomas A. Edison Papers: A Selective Microfilm Edition, Part III*).

#### Corporate Files - Orders For Material (1900) [not selected]

This notebook contains outgoing correspondence by William Simpkin. The documents concern equipment, supplies, blueprints, and personnel. The correspondents include Walter S. Mallory, Edward A. Darling, Fred C. Devonald, and E. A. Jacques. A few letters pertain to a roaster experiment.

**Corporate Files - Payrolls (1900) [not selected]**

This folder covers the period April 1900. It contains reports on the distribution of payroll expenses and average wage per employee at the Edison Portland Cement Co., the New Jersey and Pennsylvania Concentrating Works, and the West Orange laboratory.

**Corporate Files - Unpaid Orders (1900) [not selected]**

This folder contains a copy of an unsigned letter to Walter S. Mallory pertaining to unpaid orders in the amount of \$175,508.48.

**Corporate Files - Weekly Reports (1900) [not selected]**

This folder covers the period May 1900 and contains reports from Walter S. Mallory and Edward A. Darling relating to activities at the Stewartsville works.

**Corporate Files - Work Statement (1900) [not selected]**

This folder contains a summary of excavation and construction work at the Stewartsville site during the period June-December 1900.

**Corporate Files - General (1901)**

This folder contains correspondence and other documents relating primarily to activities at the Stewartsville works. Most of the letters are to or from Edison, Walter S. Mallory, Theron I. Crane, Edward A. Darling, and Francis R. Upton. There is also correspondence by attorney Alexander Elliott, Jr.; Thomas C. Martin of the *Electrical World and Engineer*; and investor and director Robert H. Thompson. The documents deal mainly with costs, equipment, and supplies. Some items pertain to meetings of the board of directors; others concern the uses of cement. Included are cost calculations for producing cement at capacities of 5,000 and 10,000 barrels per day.

**Corporate Files - Expense Estimates (1901-1902)**

This folder contains statements relating to expenditures on labor and materials. The documents are written by Walter S. Mallory, Edward A. Darling, and William Simpkin. One item bears Edison marginalia. Some of the statements were probably prepared for the company's board of directors. A few items pertain to equipment and machinery from the New Jersey and Pennsylvania Concentrating Works.

**Corporate Files - General (1902)**

This folder contains correspondence and other documents relating primarily to company finances and the completion of the Stewartsville works. The correspondents include Edison, Walter S. Mallory, Theron I. Crane, and William S. Pilling. The documents written by Edison or bearing his marginalia pertain to experiments on furnaces conducted by Cloyd M. Chapman; drawings sent to William Simpkin; and work with rotary roasters and briquetting. Several items concern financial notes discounted by Edison and a loan by director Robert H. Thompson. There is also material relating to Model Building No. 11 at the West Orange laboratory, which probably housed Edison's experimental roaster. Other documents deal with competitors and publicity. Some

items pertain to visitors at West Orange and Stewartsville; Francis R. Upton's bout with typhoid fever; and a gift to Mina Miller Edison from Joseph Wetzler of the *Electrical World and Engineer*. Additional documents concern clinker, soapstone, iron ore, and bags for shipping cement.

#### **Corporate Files - Price Lists and Quotations (1902) [not selected]**

This folder contains correspondence and printed material relating to the purchase of equipment and supplies. Included are letters from dealers and manufacturers of bags and barrels suitable for shipping cement.

#### **Corporate Files - Thompson, Robert H. (1902)**

This folder consists of letters from Robert H. Thompson to Walter S. Mallory. They relate primarily to company finances, the board of directors, visitors to Stewartsville, and meetings with Edison. Some letters deal with test runs at the Stewartsville plant and the development of Edison's storage battery, as well as the uses of cement and prospects for the cement industry. One letter concerns a South African inquiry about crushing machinery; another mentions a wager between Edison and Thompson involving cigars. There is also material pertaining to the personal affairs of Mallory and Thompson.

#### **Corporate Files - General (1903)**

This folder contains correspondence and other documents relating primarily to company finances, publicity, and activities at the Stewartsville works. Many of the letters are to or from Edison, Walter S. Mallory, and John F. Randolph. Included are several items concerning the explosion and fire of March 2, 1903, at the Stewartsville works, as well as the death and funeral of engineer Edward A. Darling. Also included are letters of introduction written on behalf of Dr. Müller, managing director of the Adler Cement Works in Berlin, and Gustav Dyckerhoff, a cement manufacturer from Frankfurt am Main. A few items deal with a die-sinking machine invented by George Perrott, a former employee of the Edison Portland Cement Co. Some of the documents pertain to the dryer and fine grinder plants at Stewartsville. There is also correspondence concerning competitors; Edison's briquetting machine; and vendors of equipment and supplies, including the Edison Phonograph Works. One letter relates to a factory girls club in Orange.

#### **Corporate Files - Employment Applications (1903)**

This folder consists of letters to Walter S. Mallory, primarily written by employment agencies. Some of the letters bear marginalia by Edison. A letter of recommendation written by Charles Batchelor in 1899 is attached to one item. The documents concern vacancies for the positions of business manager, machinist, laboratory assistant, and cement chemist at the Stewartsville works.

#### **Corporate Files - Employment Reports (1903) [not selected]**

This folder covers the period September-December 1903. It consists of daily reports relating to the number of employees and hours of labor in specific plants, departments, and positions at the Stewartsville works. Many of the reports are initialed by Edison and Walter S. Mallory.

#### **Corporate Files - Explosion and Fire (1903-1905) [not selected]**

This folder contains correspondence and other documents from the period February 1903-March 1905. The documents concern the explosion and fire of March 2, 1903, at the Stewartsville works. The correspondents include Walter S. Mallory; attorney Howard W. Hayes; and the Employers' Liability Assurance Corp., Ltd., of London. The letters contain condolences and lists of employees. Some concern witnesses to the accident and the settlement of liability claims. Many items deal with the death and estate of Edward A. Darling.

#### **Corporate Files - Mallory, Walter S. (1903)**

The folder contains correspondence and other documents relating primarily to the personal affairs of Walter S. Mallory. Included are items concerning Mallory's finances, magazine subscriptions, and residence. The selected documents pertain to film exhibitions involving James N. Naulty of the Edison Manufacturing Co.

#### **Corporate Files - Price Lists and Quotations (1903) [not selected]**

This folder contains correspondence and printed material relating to the purchase of equipment and supplies. Included is a catalog for medicinal preparations from Tilden & Co. of New Lebanon, New York.

#### **Corporate Files - Thompson, Robert H. (1903)**

This folder consists of letters from Robert H. Thompson to Walter S. Mallory. They relate primarily to the board of directors, visitors to Stewartsville, and dinner plans with Edison. Some of the letters pertain to recommendations for a design engineer and to the progress of work at Stewartsville. One item concerns storage batteries.

#### **Corporate Files - General (1904)**

This folder contains correspondence and other documents relating primarily to company finances, the board of directors, and activities at the Stewartsville works. Most of the letters are to or from Edison and Walter S. Mallory. Other correspondents include Theron I. Crane, William S. Pilling, and Robert H. Thompson. Some of the letters concern the decision to double output at the cement plant. A few items pertain to coal consumption, briquettes, magnetic separation, and methods used at other cement companies.

#### **Corporate Files - General (1905)**

This folder contains correspondence and other documents relating to the board of directors, financial matters, and other subjects, including operations at the Stewartsville works, sales, and marketing. Most of the letters are to or from Edison, Walter S. Mallory, Theron I. Crane, William H. Mason, William S. Pilling, and Robert H. Thompson. Included are items concerning cement shipments, sales promotion, and competition. Some of the correspondence with Edison contains reports on operations and improvements at the Stewartsville works. There are letters dealing with the clinker fine-grinding plant, the boiler plant, coal consumption, and experiments with belts. A few items pertain to record keeping, trade associations, and product quality. Additional documents relate to bags for shipping cement and processes for briquetting and coloring cement. Also included is a ground plan of the Stewartsville works.

#### **Corporate Files - Shipments (1905) [not selected]**

This folder covers the period July-December 1905. It contains typewritten transcriptions of daily reports on cement shipments. The data includes order number; consignee, buyer, and destination; number of barrels; and price.

#### **Corporate Files - General (1906)**

This folder contains correspondence and other documents relating primarily to activities at the Stewartsville works. Most of the letters are to or from Edison, Walter S. Mallory, Emil Herter, William H. Mason, and John F. Randolph. There are also letters by Herman E. Kiefer and Frederick Siefke. Much of the correspondence with Edison concerns prospecting and other operations at Stewartsville. One letter by Edison, probably written in June 1906, pertains to oil leaks and includes a drawing. A few items deal with gas leaks; experiments with cement kilns; and tests with the gypsum feed. Other documents relate to the analyses of chalk and coal; calculations of unrecovered dust; and an experiment with rice coal. Also included is material regarding company finances, foreign competitors, customer relations, product quality, and the company's sales agency, Pilling & Crane. A few items pertain to photographs of Edison and to inquiries about Edison's crushing rolls.

#### **Corporate Files - General (1907)**

This folder contains correspondence and other documents relating primarily to the company's directors, officers, and investors, as well as to operations at the Stewartsville works. Most of the letters are to or from Edison, Walter S. Mallory, Emil Herter, and William H. Mason. Other correspondents include Robert H. Thompson, who succeeded Edison as president of EPCCo in 1907, and Herman E. Kiefer, who replaced Edward P. Dinan that year as the company's chemist. Included are several letters in Edison's hand concerning color experiments with cement. There are also documents pertaining to tests with clinker and to breaking tests on bags for shipping cement, as well as to experiments with the humidor, conveyor, and duster. Additional letters relate to Edison's greenhouse at Glenmont; publicity about concrete houses; EPCCo's agent in Cuba and Puerto Rico; cement sales in Canada; and the construction of subways in New York City. Also included are inquiries about Edison's crushing rolls and milling technologies; and items regarding product quality, competitors, and trade associations.

#### **Corporate Files - General (1908)**

This folder contains correspondence and other documents relating primarily to market conditions, company finances, and operations and experimental activities at the Stewartsville works. Among the correspondents are Edison, Herman E. Kiefer, William H. Mason, and Harry F. Miller. One item in Edison's hand pertains to experimental work on the blower house and to tests with duck and twill. Other letters concern the separation of water from washed ore; kiln output volume; tests with blowers in the clinker grinding plant; and plant inspection routines. Also included are letters dealing with quarry samples, product quality, competitors, and trade associations. A few items relate to Edison's other business interests in crushing rolls and milling technology.

#### Corporate Files - General (1909)

This folder contains correspondence and other documents relating primarily to market conditions, company finances, and operations and experimental activities at the Stewartsville works. Most of the letters are to or from Edison, Walter S. Mallory, and William H. Mason. Among the other correspondents are Herman E. Kiefer, Harry F. Miller, and Francis R. Upton. Included are letters pertaining to the washing plant and the kiln and to dust loss and coal consumption. Some of the correspondence concerns high-pressure pumps, hydraulic stripping, coal feeds, chalk briquettes, and grinding tests. In addition, there are letters dealing with the Association of Licensed Cement Manufacturers and the monthly shipments of leading cement companies; and items relating to lime fertilizer, Edison Waterproofing Paint, and the Edison Crushing Roll Co. Also included are letters pertaining to the receivership of the New Jersey and Pennsylvania Concentrating Works and a postcard containing a view of the Stewartsville works.

#### Corporate Files - Upton, Francis R. (1909-1911)

This folder contains correspondence relating primarily to Francis R. Upton's resignation in 1911 as EPCCo's sales representative in northern New Jersey. Most of the letters are to or from Edison, Upton, and Walter S. Mallory. One item in Edison's hand concerns concrete tanks for the storage of explosive mixtures such as gasoline and oil.

#### Corporate Files - General (1910)

This folder contains correspondence and other documents relating to company finances, market conditions, and experimental activities at the Stewartsville works. Most of the letters are addressed to Edison. Among the other correspondents are Walter S. Mallory, who became president of EPCCo after the death of Robert H. Thompson in 1910, and company officials Herman E. Kiefer, William H. Mason, and Harry F. Miller. Some of the letters discuss the death and funeral of Thompson. There are also numerous letters concerning kiln tests, along with other items pertaining to grinding tests, dust, and compressed chalk. A few documents deal with issues of product quality, such as hair cracks and slow setting or slow hardening. One item indicates the location of accounting records relating to the installation of the giant intermediate rolls at the New Jersey and Pennsylvania Concentrating Works in 1893 and 1894. In addition, there are documents pertaining to other cement manufacturers and trade associations, along with letters regarding the company's withdrawal from the Association of Licensed Cement Manufacturers. Some of the correspondence relates to publicity for Edison's concrete house; to a trade show for the cement industry in New York City; and to the company's monthly sales brochure, *The Edison Aggregate*. Other letters deal with properties at Menlo Park, New Jersey, and Iona Island, New York, and with litigation involving the New Jersey and Pennsylvania Concentrating Works and members of the Cutting family of New York.

#### Corporate Files - General (1911)

This folder contains correspondence and other documents relating primarily to the Stewartsville works, legal matters, and market conditions. Most of the letters are addressed to Edison. Among the other correspondents are Walter S. Mallory, Herman E. Kiefer, William H. Mason, and Harry F. Miller. There are numerous letters pertaining to product quality and testing. Included are references to tests on cement briquettes, experiments with mixtures of sugar and cement, and work with an experimental humidifier. Some of the letters contain evaluations of materials for packaging cement, including waterproof and paper-lined bags. Others discuss the

burning of buckwheat and gas coal in the kilns. There are also letters regarding limestone, cement sales, and the operations of other cement companies, including the federal antitrust suit involving the North American Portland Cement Co. Additional documents relate to an abandoned patent for waterproofed belting; agreements governing the use of Edison's long-kiln patent and his crushing technologies; and the receivership of the New Jersey and Pennsylvania Concentrating Works. A few letters concern Edison's schedule and visitors to the laboratory.

#### Corporate Files - General (1912)

This folder contains correspondence and other documents relating primarily to market conditions, legal matters, and product quality. Among the correspondents are Edison, William E. Horne, Herman E. Kiefer, Walter S. Mallory, William H. Meadowcroft, and Harry F. Miller. Included are numerous items regarding tests and experiments at the Stewartsville works. Other documents pertain to litigation involving Edison's long kiln; political efforts to promote concrete roadways; and the sale of pulverized limestone through farm granges. There are also a few items relating to changes in government regulations, including one letter concerning Arthur J. Eddy's book, *The New Competition*, and another mentioning a conversation between Edison and financial consultant Roger W. Babson about the Sherman antitrust law. Some letters pertain to Edison's schedule and to visitors to the West Orange laboratory, including industrialist Charles M. Schwab.

In addition, there are numerous letters concerning other Edison businesses, including the New Jersey and Pennsylvania Concentrating Works (NJPCW) and the North Jersey Paint Co. A few items relate to Edison's purchase of NJPCW's assets and to litigation against the company by the Cutting family of New York. One document describes an accident at the Stewartsville works involving shovels that were originally purchased for NJPCW. Other items pertain to Edison's crushing technology and its possible use in asbestos production by the H. W. Johns-Manville Co. Also included are a letter from L. R. Caragol discussing the potential for cement sales in South America and proposing to open a movie house in East Orange; and a credit reference for Charles H. Calehuff, a kinoscope jobber.

#### Corporate Files - General (1915-1919)

This folder contains correspondence and other documents dealing with company operations, legal matters, and issues relating to the First World War. Among the correspondents are Edison, Walter S. Mallory, and Harry F. Miller. There are also letters by Stephen B. Mambert, vice president, financial executive, and later president of EPCCo; and by Frank L. Dyer, general counsel. Some of the letters pertain to costs at the Stewartsville works. Additional letters concern the impact of the war on the cement industry; coal shortages; and organizational changes at the cement and storage battery companies.



**Edison Portland Cement Company Records  
Corporate Files - General (1899)**

This folder contains correspondence and other documents relating primarily to the procurement of samples for experimentation; demonstrations of Edison's crushing technologies; and the disposal of equipment and supplies from the New Jersey and Pennsylvania Concentrating Works. The correspondents include Edison, Walter S. Mallory, and Francis R. Upton. Some of the letters pertain to meetings with Edison. A few items concern patent rights.

Less than 5 percent of the documents have been selected. The unselected material includes a list of elevators and conveyors; contract proposals; pamphlets about hydraulic cement; and notes, calculations, specifications, and blueprints relating to crushing rolls, grinding rolls, screens, and other equipment. Also not selected is a notebook by Upton containing a memorandum about the physical properties of cement and the output of the American cement industry.

INCORPORATED 1895.

**BONNEVILLE CEMENT COMPANY**

Liegfried, Penn., 118 1897.

J. L. Upton, Esq.,

Dear Sir,

It will be impossible  
for me to see you this evening  
at lunch, I have however sent  
the carriage over with the team  
so that you can after lunch  
run over here & I will go with  
you to The Delight Cement Co.

Yours  
W. J. Tomlinson

HARRY C. TREXLER, President.

GEORGE ORMROD, Vice Pres.

E. M. YOUNG, Sec'y & Treas.



WORKS.  
ORMROD, LEHIGH CO. PA.  
CHAS. A. MATCHAM, SUPT.

*Allentown, Pa.* Jan. 20, 1892

Mr. F. R. Upton,  
c/o N. J. & Penna. Concentrating Works,  
Edison, N. J.

Dear Sir:

I am in receipt of yours of the 19th inst., and was sorry that Mr. Edison, Mr. Mallory, and yourself, were unable to reach our Works on Wednesday.

We shall be pleased to extend the invitation to any time, that it might suit Mr. Edison to call.

We enclose you herewith an order for a car of sand, which please ship as soon as possible.

Yours truly,

LEHIGH PORTLAND CEMENT CO.

*Chas. A. Matcham*  
Per \_\_\_\_\_

718 B. & J. Building.

Pitts<sup>burg</sup> Jan 30<sup>th</sup> 1899.

Dear Mr Upton.

Will you  
kindly wire me (collect)  
what day this week  
I can come to Orange  
to meet you and take  
a glance at your  
machinery? Mr Shaffer  
suggested this. I do  
this during his absence  
at Pittsburg. But I  
must think he will  
only be gone a few

Answer

Lamin H. Banks

718 Betsy Building  
Philadelphia.

~~Saturday~~ is ~~the~~ Edison away  
~~today~~ I cannot arrange <sup>your</sup> visit  
until last of week.

I ~~expect~~ <sup>expect</sup> to meet Sheffer  
at Nazareth on Thursday.  
F.R. Lpton

days  
And things are so  
rapidly changing up  
in connection with  
our new enterprise  
that it is important  
to push along every  
thing in sight.

Very truly Yours

Francis H. Banks  
Please name a time  
as early this week  
as possible.

Wpton

we have at Edison about

16000 pounds of magnet coils  
(#8 I think) from old belt separator

which we want to sell - please  
get sample of the wire and  
ask very General Electric &  
other electrical people what they  
will give for it - perhaps we  
can get a better price than  
from scrap people

3/3-95

Thallony

**PORTLAND CEMENTS,**

SOLE AGENT  
FOR THE UNITED STATES

—FOR—  
DYCKERHOFF & SONS,  
STAR, STETTIN.  
REYN BROS.  
HILTON, LONDON.  
H.S. & CO., LONDON ANCHOR.  
ROYAL CROWN.

GERMAN.  
ENGLISH.  
BELGIAN.

E. THIELE,  
70 WILLIAM STREET,

New York,

Nov. 18<sup>th</sup> 1899

Mr. A. Edwin Eng  
Orange N.J.

Sir,

I am pleased with your suggestion I have  
shipped to your laboratory one barrel of Dyckerhoff Portland  
Cement as per Enclosed Memo.

Since you so highly appreciate the experiments  
of this Cement, I hope you may cause it to be used in  
all your work in preference to cheaper but inferior grades.

I take this opportunity to express to you the pleasure  
which I enjoyed during my recent visit with the party  
of Philadelphia Gentlemen I hope you will permit me to  
express when you will grant the Cement Order on  
your new machines.

Off on my part I can be of any service to you,  
I should be much pleased to have you dispose of me.

Very respectfully, Yours,

E. Thiele

Mr. Engstrom  
This is in in  
for you -

~~ETP~~

[ATTACHMENT]

New York, March 17<sup>th</sup> 1899.  
No. Edison Laboratory, Orange, N.J.  
Bought of E. THIELE, 75 William Street, the following goods,  
shipped by Del. & Western R.R.

TERMS CASH.

The goods are shipped at your risk and expense. No Insurance will be effected unless specially ordered by you.

E.T. / Bel DYCKERHOFF PORTLAND CEMENT.

to charge



TELEPHONE, 702-794 ST.

M. S. HIGBIE.  
109th ST. & PLEASANT AVE. NY

F. R. Mott &  
Edison Laboratory

Apr. 7/99

Orange N.J.

Dear ans

Dear Sir,

In conversation with Mr. Edison  
I think he stated that he had not  
been able to find the patents under  
which the Atlas Co. operated &—

If you will look up patents— to  
Henry Mather, Nov. 17-1885—

No. 330,603— and— 330,602—

Sept 1888. 325,259— Revolving Kilm re—

You will note 330,602— covers the  
making of cement by first producing the  
material to be combined &—

I understand the Atlas Co. have all  
of these patents by assignment—

The own patent, issued to F. Lander  
Dec. 17/1898. No. 557,390— and to  
avoid patent. 330,602—

TELEPHONE, 702-79th ST.

M. S. HIGBIE.  
109th ST. & PLEASANT AVE.

We propose to Calcare the Lime first  
and to this add the Silica and Alumina  
Mg. Met. Sol. granulate, and Clinker  
in Sande Kib. Then crush the clinker  
to powder. E. M. May we send Moulded  
with Brick and clinkered in a Cement  
Kib. of Brick Kib. - V

I had made arrangements  
for Mr. M. N. Eyrer to go over  
the ground carefully in the vicinity  
of Stockholm. And from there to Edison  
in view of location. But the cold  
weather has thus far prevented. We must  
wait until snow and ice has gone  
also until frost is out of ground so  
we can make some boring - I want  
also to get samples from your pile  
of Silica, presume there is still frost  
in that.

Very truly  
M. S. HIGBIE

THE ORIGINAL STANDARD "NEWARK-ROSENDALE CEMENT,"  
MANUFACTURED SINCE 1848 BY

THE NEWARK AND ROSENDALE CEMENT CO.

Sales Offices:  
Rooms 47 and 48, Smith Building,  
15 Cortlandt St., N. Y.

LONG DISTANCE TELEPHONE.

Directors' Office: Newark, N. J.  
Room No. 723, Prudential Building.

W. F. BALDWIN, President.  
W. L. LEWIS, Vice-President.  
O. B. MCKINCHIE, Treasurer.  
MAY E. MILLER, Gen. Sales Agent.



A. DELAND, Secretary.

Allis and Railroad Station  
at  
Whiteport, Ulster Co., N. Y.  
West Shore Railroad,  
N. Y. STATE.

Shipping Wharf at  
Eddyville, Ulster Co., N. Y.

F. H. DOWDEN,  
Superintendent of Works.

New York, *Apr 14* 1899.

Mr. J. A. Hoffman  
Editor of the  
Orange, N. J.  
Dear Sir:

*Ans*

"How is the land for land  
that is coming along? What will  
you be ready to take with me?  
I am delighted to call on you at  
any time."

Sincerely,  
Max Miller

Mr. Mallory

I think it would  
be well to ask Mr. Miller out.  
The "Edison Cement Co" may want  
to ask rights for Rosendale grinding?  
What shall I say to him.

*Ans*

*John*

[ON BACK OF PRECEDING PAGE]

18559 69681  
69681 18559  
69681

Wftm Mr. Edison has now  
decided not to show the roll  
to any outsiders until the cement  
people have seen it and the new  
company is organized. M  
4/13.99

Wpton

9/25-49

The Edison wants samples  
of cheese cloth, jute bagging  
gunny cloth etc to use in  
4 fermental dust. bin - next  
time you are in New York  
please get samples and  
prices.

Hallong

Also see what you can  
find in tape - 4" x 6" wide (etc)

to use an model to  
represent belts - if can't  
find tape this wide -  
see what else you can  
get -



THE WALDORF.  
THE WALDORF-ASTORIA, NEW YORK.  
HOTEL, BELLEVUE, PHILADELPHIA.  
THE STRATFORD, PHILADELPHIA.  
BOLD'S RESTAURANT, PHILADELPHIA.

Geo. C. Boldt, Prop.

NEW YORK, N.Y. HOTEL, NEW YORK.  
HOTEL, BELLEVUE, PHILADELPHIA.

Room 789.

The Waldorf-Astoria,

Fourth Avenue, 33rd and 34th Streets

and Mayor Court,

is equally easy

making a

visit to

the city.

is equally easy

making a

visit to

the city.

is equally easy

making a

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the city.

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the city.



THE ASTORIA.

Thomas A. Edison, Esq.,

Menlo Park,

New York, December 18<sup>th</sup> 1899.  
New Jersey. Duff  
Nov 24/99

Dear Sir:-

On the 9<sup>th</sup> inst. I sent you by Adams Ex-press a sample of white Portland Cement, in the form of a medallion. A letter accompanied the sample in which I requested that if you did not care to enquire farther into the matter that the medallion should be returned to me by express at my expense.

I have heard nothing from you and the medallion has not been returned, though it would have been if not delivered at the above address.

I would be pleased to give you any information you might desire with a view to business, as the material is absolutely unique.

Kindly acknowledge receipt of sample, or return it at soon as possible.

Yours truly, Mrs. Mary Newman.

[ATTACHMENT]

I shall only make plain  
Commercial Cement  
~~It~~ & therefore

The sample sent is very  
fine, ~~this kind of Cement~~  
I have returned it as  
requested by you -  
I do not want to engage  
in this branch of the  
Cement business -

Yours  
Jas



M. S. HIGBIE.

109th ST. & PLEASANT AVE.

H. R. Mappin by  
Orange, N.J.

N.Y.

ans

I had intended to have visited Edsmin  
Stockholm after seeing you. But the  
Sov. storm and extreme cold prevented  
I could get no satisfactory idea of  
local market even now off. I have had  
interview with former Super of both  
Sov. & American. & very H. R. R. who  
are familiar with the location. and  
they think Stockholm a good location.  
Mr. A. Levitt also thinks so and  
says he can deliver his home there  
any point in N.Y. S. M. R. I can  
secure suitable rates of freight and  
shipping facilities at Edsmin etc.  
the Preston run is the future supply  
of Bilex from your works. I am  
satisfied that when you run your  
plant for even the by product  
of Bilex you can afford to sell us

But could we afford to buy your  
silica. when you had the run your  
plant to produce it and the Iron  
was a by product. That is a question  
I cant answer them. I must get  
further information from you we would  
want. Is this per day - 100 tons for  
Cement and 100 tons the mine with  
the Cement to market it as Sand Cement  
which seems to be the future. In W.  
The 3 Miles off R. R. the Cement  
Can you give me any information  
as to price. Bridges &c and cost of  
right of way. That we can get estimate  
without cost of survey. &c Can we get  
an option of 50 acres of land there  
near Stockholm. Can you give me idea  
price per acre.  
Could an agreement be made with  
your Co. to have the use of their  
Powers and Rolls to grind say  
200 tons of Clincker. The first we make  
to know if an experiment was a success

We could then get enough in our own  
mine in erecting the first Plant.  
Engine Beds &c.

My plan is to erect a small  
Calc. Kiln, and also Clinker Kiln  
to turn the Clinker to your works for  
redaction, &c.

If these & the other arrangements  
are satisfactory we can build the  
R.R. and increase the plant.

We want 80. acres, as the Chemist  
wants to make Chalk. This takes  
18. acres for the setting rats, &c.

If your Rolls crush the Raw. Silica  
I see no reason why they are not  
adapted to reduce Clinker.

Please discuss  
these questions with Mr. E. and when  
suits you I will come out to Orange  
and see you, or meet you here  
if you prefer.  
Wm. McHyde

Francis H. Bunker 718 Betsy Building Phila.

On account of proposition looking towards  
exclusive rights now being investigated we  
cannot show anything this week. I believe  
~~in the future~~ <sup>Probably</sup> next week I can.  
F. R. Bunker

W. R. Shaffer, Weymouth Mass.

Late last night I received instructions from Mr. Edison to withdraw proposition made you, ~~manufacture~~ and to await results of a investigation of another proposition which looking towards exclusive rights. Probably this will not go through leaving allowing me to ~~see~~ negotiate with you next week.

J. R. Upson

**Edison Portland Cement Company Records  
Corporate Files - General (1900)**

This folder contains correspondence and other documents relating primarily to land surveys and construction activities at the Stewartsville works. Among the correspondents are Edison, Walter S. Mallory, and Emil Herter. Included are several undated letters in Edison's hand. One concerns a mechanism to absorb shock from the three-high rolls; others pertain to land surveys, property rights, and tenants, as well as the company's investors from Philadelphia (presumably Theron I. Crane and William S. Pilling). Additional documents deal with the costs and construction of the Stewartsville works. Some items indicate payroll expenses at the company's offices in Stewartsville, West Orange, and Philadelphia.

Less than 5 percent of the documents have been selected. The unselected material includes correspondence relating to insurance, equipment, and supplies; a drawing entitled "Plan showing location of tests of Temp. in Mill No. 1 March 18, 1900"; and an undated report on operating costs at the New Jersey and Pennsylvania Concentrating Works.

# EXPERIMENTS AND PLANS.

Distribution to March 31st, 1900.

Plans	X \$15,446.72 / plans + model
Model	✓ 9,533.65 / plan + model
Rolls	1,225.79
Roaster	X 11,351.68 / Commitment -
Assaying	✓ 4,261.31 / <i>Real Estate</i>
Experiments	X 5,723.27 / Experiments
Patterns	X 273.15 / Commitment
Conveyors	X 1,112.19 / "
Bagging Machine	X 1,271.81 / "
Screens	X 269.50 / Experiments
Blower	X 270.40 / "
	\$50,740.10
Exploration	✓ 750.87 - <i>Real Estate</i>
Mill Machinery	X 150.01 / Commitment
Orange Office	X 252.60 / "
	\$51,903.48

3

- ✓ 1- Quarries ( Steam shovels, quarry tools and equipment)
- ✓ 2- Grading ( Leveling and drainage)
- ✓ 3- Masonry ( Foundations, walls, etc.)
- ✓ 4- Mill Buildings (Including all buildings and structural work)
- ✓ 5- Mill Machinery.
- ✓ 6- Steam Plant (Boilers, heaters, engines, pumps, etc.)
- ✓ 7- Piping { Steam, water, oil, air, including all pipe, fittings, valves and tanks.
- ✓ 8- Electrical Plant (Dynamoes, motors, wiring, lamps and all electrical fixtures.
- ✓ 9- Equipment & maintenance { Machine shop, smithy, foundry, carpenter and pattern shops.
- ✓ 10- Yards & Railways { General outside equipment, railway, switches, sidings, locomotives, rolling stock, skips, yard tools, horses, wagons, etc.
- ✓ 11- Shipping Dept. { Cooperage etc., bagging equipment, packing and shipping dept.
- ✓ 12- Mill administration { Offices, assay and engineering, equipment, stores, etc.
- 13- *Orange office*
- ✓ 14- *Exploration*
- 15- *Experiments & Plans*
- ✓ 16- *Real Estate*
- 17- *Model Building*
- ✓ 18- *storeroom*



DELAWARE, LACKAWANNA & WESTERN RAILROAD COMPANY.

Office of President.

W. H. TRUESDALE,  
President,  
NEW YORK.

April 3rd, 1900.

Mr. Thomas A. Edison,  
Laboratory,

Orange, N. J.

Dear Sir:-

It has just come to my attention that a report has been given out that this company contemplates consolidating Broadway and New Village Stations, thus doing away with either one or the other of them.

To relieve any misapprehension on this matter I desire to say that this matter has never been considered, so far as I know, by the present management of this company or anyone connected with it. The present Broadway Station is already an important one, and from the improvements you have undertaken in the vicinity of New Village it bids fair to be one of the most important ones we have on that portion of our line. I see no good reason, therefore, why either one of these stations should be abolished and the work consolidated in the other, and I feel that unless conditions and prospects differ materially from the present no change will be made.

Yours very truly,

*W. H. Truesdale*  
President.

Mullory -

Heater

9/12/1900

The more I think of it the more  
I am convinced that the old skims put under  
bottom of Bearings and the lost motion  
of the old shell on the mandril of 3  
High Roll was reason for not heating  
bottom Bearing on the old runs -  
now with solid shell the concussion of  
cracking ore, bolts, etc acts like a  
hammer on an anvil to the babbitt & it  
will not stand it, there must be some  
elasticity somewhere & the only  
place you can put it is under the  
bottom bearing - A piece of 4 ply  
belting would give you all the

Elastically to Concussion, and save  
the bearing - you will probably  
have to take bearing out &  
plane off enough of the bottom  
to allow for it

Should you put in new bearing  
be sure to allow for a 4 ply  
Leviathan belt under it

~~W.B.B.~~

E

Mailed as per request of  
Mr. Edison

J. B. Randolph

Orange  
Office

Wroughtons

Labovian  
Barnes with the Co

Salaries of officers

and Heads of depart-  
ments for six months  
as follows.

Orange Reg. Roll, when ending Acty	No	Am't	No	Am't	No	Am't	Total	
" 10	4	2650	17	34653	10	5337	42640	W. S. Mallory
" 17	4	3864	15	32646	9	3561	40071	Wm. D. S. S. S.
" 24	4	3864	15	32274	9	5193	41271	Alexander C. S. S.
" 31	4	3864	15	33725	10	4572	42361	C. A. J. J. J.
" 7	4	3864	15	29591	9	3978	37433	
" 14	4	3864	15	35374	9	5655	44832	Phil. G. S. S.
" 21	4	3871	15	35826	10	5363	45060	W. S. S. S.
" 28	4	3871	14	36334	12	7461	47866	J. J. S. S.
" 5	4	3864	15	31942	13	6269	42075	W. S. S. S.
" 12	4	3864	16	39331	11	6772	49967	
" 19	4	3864	18	42575	10	7195	53574	Stewart & Co. S. S.
" 26	4	3909	18	27819	12	4794	36527	C. A. S. S.
Jan 2/101	4	3864	17	31004	14	11157	45566	Z. R. S. S.
" 9	4	4066	18	38256	17	13900	56802	
" 16	4	3864	17	37488	14	9101	50553	
" 23	4	3909	17	39334	10	8818	52136	
" 30	4	3879	17	32679	9	5947	49802	
Feb 6	4	3814	17	36672	9	7132	47898	
" 13	4	3849	18	38609	13	10209	52667	
" 20	4	5469	17	38859	11	7251	52619	
" 27	4	5371	15	32194	17	6763	44325	
Mar 6	4	5371	15	32140	14	7820	47349	
" 13	4	5371	14	24712	15	11011	40923	
" 20	4	5371	11	25722	12	6304	36673	
" 27	4	5371	11	24420	9	8155	36003	
Apr 3	4	5371	11	25722	12	6878	37259	
" 10	4	5450	11	26687	10	7277	38436	
Total		18735		936937		197038	1252705	

45685.96

947.6

12 70.00

4350.00

211325.76

611325.96 186966

443830

53  
45  
48  
46  
49  
35

[ON BACK OF PRECEDING PAGE]

$$\begin{array}{r}
 6) 1187.35 \quad (197.89) \\
 \underline{58} \\
 54 \\
 \underline{47} \\
 42 \\
 \underline{53} \\
 48 \\
 \underline{58}
 \end{array}$$

$$\begin{array}{r}
 6) 9369.37 \\
 \underline{1561.56} \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6) 1970.33 \\
 \underline{328.39}
 \end{array}$$

Office  
disposition  
Labor

$$\begin{array}{r}
 197.89 \times 5 \text{ months} \quad 989.45 \\
 1561.56 \times 3 \quad 4684.68 \\
 328.39 \times 4 \quad 1313.56 \\
 \hline
 6987.69
 \end{array}$$

W. H. BOWLING, PRESIDENT,  
W. S. HILLARY, VICE-PRESIDENT,  
W. S. PILLING, TREASURER,  
THOMAS I. CHASE, SECRETARY,  
THOMAS A. EDISON, GEN'L. MANAGER.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
ORANGE BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J., 11/12-1900

Baltimore Md

Reenter

When Tomkins telephoned that he is ready to set up rollers with new nibbles, I think you should go up and see ~~that~~ the changes have been made right - also arrange to meet Amie search there and give him what instructions are necessary - I gave him a general outline of what he is to do when I was last at Edison - we want him to see the <sup>three (3)</sup> rollers are set up right - packed right and nibbles put on right also belt under boxes put on right - and then remain two weeks and see the rollers.

Wm. H. DILLARD,  
PRESIDENT,  
W. B. MALLORY,  
VICE-PRES.,  
W. B. PALLOU,  
TREASURER,  
TAMM L. CRANE,  
SECRETARY,  
THOMAS A. EDISON,  
GENL. MGR.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
CHARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

1-8-1920-5 31.

Edison Laboratory, Orange, N. J.,

2  
mm - please tell Mr. Edison I think it  
very important that you look the parts  
over before they are put together - Tomlang  
promised to let us know when he was  
ready - I have asked Jacques to watch him  
again about notifying us - you can go  
up some afternoon and return the next  
morning -

Yours  
mm

[FROM WILLIAM SIMPKIN]

December 19th, 1900.

W. S. Mallory, Esq.,

Vice President.

Dear Sir:--

Herewith my report as to the condition of work in my department.

We have sent to Stewartsville all the foundation plans excepting those of the Cement Stock House, Roaster House and a portion of the tunnel at the Clinker Crusher House, which we are now getting out and which will be sent to them in the course of a few days.

Since the 21st ult. we have sent to the structural people thirty drawings for the buildings as spoken of in my last report and are now working on the inside details for the Clinker Crusher House and when these and the Cement Stock House are finished, the drawings for the whole of the buildings will be in the hands of the Phoenix Company.

To facilitate matters we have placed orders for some twenty tons structural material, most of which had to be built the for in the foundations, with outside parties who could make prompt delivery. We have contracted with Caswell & Moore of Phoenixville to lay on the corrugated iron on the Rock Stock House and this work they are now carrying out. We have sent out drawings for our steam pipe line for estimate, and we will, within a week, be able to send



W. S. H. #2.

December 19th, 1900.

out our list of motors for bids, as also the two line shafts for engines #1 and #2 and belting for the various conveyors.

We are grinding coal at the grinding plant for the roaster experiment and have ordered crushed at Stewartsville to one-half inch mesh, the eight carloads of lime and cement rock so it will pass through our rolls here and when it is received and ground we shall be ready to go ahead and complete the burning test in the roaster.

The 45 ft. section of our standard conveyor has been running day and night since my last report, carrying 350 tons of material per hour and so far has developed no defects. Whilst running this conveyor, we have also been carrying out an experiment with a view to keeping the dust out of the motors and at the same time to keep them running cool. We have so far succeeded that the temperature change has been very little, therefore we have no loss of power, as is usual with inclosed motors, and no dust in the bearings. We are fitting up a set of our latest self oiling dust proof bearings, which we intend to put in the place of those at present on the conveyor and will then continue to run it until it is needed at Stewartsville.

We are at work on the details for the fine grinding rolls, the assembly and details for the head and tail pulleys of the various conveyors, 24 and 36", and we are also getting out a standard section of one of the scraper conveyors, which we will erect here

W. S. M. #3.

December 19th, 1900.

and afterwards ship to Stewartville.

It may be of interest to know that our work so far has necessitated the getting out of 860 assembly and detail drawings; this number does not include the preliminary sketches which were changed from time to time as the work developed, but only includes the drawings of the work as it will be erected at the plant.

Number of Draftsmen employed- 15

7 mechanical

8 structural

Respectfully submitted,

P. S.

Our reports from the Pittsburgh Testing Laboratory, show that up to December 8th, 484,645 lbs. of structural material had been shipped to Stewartville. Since that date some other shipments have been made, according to the report of our Mr. Collin, who also says that the Dauphin Bridge Company have the Weighing House ready for inspection and that Engine House #2 will be ready as soon as the Inspectors are through with the Weighing House and that the Phoenix Company have sent to the Dauphin Co. the material for Dryer House.

Elliott =

Regarding tenants, we shall not  
do for Beyer - Fritz, or Stone or  
Chie, but Cahant we must have

If I remember right there is no  
wonder wheat in that portion  
of Cahant that we will work  
on - So all the labour lessons  
if for one year will be OK except  
as crops - I forgot if those people  
lots have any crops on now  
or if there are tenants - if crops  
I suppose we will have to  
pay for them - Be sure to get  
clean sheet in re judgments, liens  
etc in the various Courts against  
properties at same time as

See above so a clean bill can  
be shown by you & show you have  
left nothing undone so Phila  
people can criticize when the  
time for payment is passing &  
papers arrives

The Phila people say they do not  
want to work farms but just  
let them remain wild -

as to fences you can make an  
reasonable assessment necessary  
such as fences required by field  
fence around Stones house etc

I don't remember that any other  
fences can be required from any  
one else - I telegraphed you  
about Stone in receipt of your  
letter - I am very anxious you should  
have your part well done so that

at the last minute there will not  
be something not attended to  
or waiting. Regarding the  
Deed you should have a  
well arranged & competent  
party at Belvedere do the  
work for you one who understands  
his business - Philo people wanted  
to send a Title guarantee Coman  
to Belvedere to do it which I  
discouraged & said you were  
perfectly able to do it & just  
as well as any title Co  
so don't get me in a Hall  
by employing a ~~man~~ a  
Chump at Belvedere

Edison

W. S. HALLORY,  
Vice-President.

WM. H. SHELTERDINE,  
President.

(18706)  
W. S. PILLINO,  
Secretary-Treasurer.

## Edison Portland Cement Co.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE: "311 ORANGE."

Edison Laboratory, Orange, N. J.,

Elkhatt=

Please attend to following—

First Have Samantha Cahart's farm surveyed. prepare deeds and get ready for tender of the money— in meantime have search made as to title Liens etc so that the moment the survey is made the transaction can be closed = you may hire any assistance you require at Belvedere to expedite the search so there shall not be a moment's delay.

Second Survey Steward Trith property and do the same as to search title Liens etc at Belvedere as with Cahart—

Third Survey John W Clinch property as per sketch shown = make searches etc ready to tender money under the Option—

W. S. MALLORY,  
Vice-President.

WM. H. SHILNERDINE,  
President.

W. S. PILLING,  
Secretary-Treasurer.

## Edison Portland Cement Co.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J.,

2

Fourth = Survey & search the 4 plots belonging to the Philadelphia Purcell - Draw deeds & be ready for tender of the money -

Fifth = Survey & search David Purcell property & be ready for tender of the money =

Sixth = Negotiate with Stone

Seventh Negotiate with Hyndshaw

Eighth = See Knowlton and get line of Railroad to Lehigh from Mill site. This will have to go through Davis & others (8) secure right of way amicably without waiting for Condemnation as that will require time =

Edison

[ATTACHMENT]

St. Louis #  
Samuel John Cohan  
Alison Fritz  
John Fritz -  
Flo Cline -  
Holly Cline's Nephew -

---

Digby  
Ruth Purcell  
Anna Cline  
Davis -  
Weleber

**Edison Portland Cement Company Records  
Corporate Files - Dick, Herman E. (1900)**

This folder contains two draft versions of a letter from Edison to Herman E. Dick, his representative at the Edison Ore Milling Syndicate, Ltd. One version, dated May 11, 1900, is in Edison's hand and is attached to a letter from 1921 bearing his marginalia. It includes two drawings of mining operations. The other version, mistakenly dated May 1, 1900, is a typed draft with changes and marginal notations by Walter S. Mallory. The letter, prepared for British cement producers, contains Edison's description of the stages in the cement production process from mining to roasting. Also mentioned is Edison's experimental roaster at the West Orange laboratory and his expectations for a high-capacity, automatic cement plant.

All of the documents have been selected.



Long Memo. of Mr. Edison  
about Cement Plant and property,  
dated May 11, 1900, and addressed  
"My dear Dick"

Meadcraft

file away  $\Sigma$

My Dear Dick -

May 11 - 1900

Your Cable received today. ~~It~~ I understand  
that you desire some information as to the advantages  
which we expect to obtain at ~~our~~ <sup>an</sup> Stewardsville  
Cement Mill over those already in existence, ~~from~~  
both commercially as to costs, investment and  
quantity of Cement - with this understanding  
I am such information being for our syndicate  
at London -

① I will briefly describe the character of the Mill -  
and nature of the ~~Manufacture~~ <sup>Manufacture</sup> ~~Process~~ <sup>Process</sup> but as you give  
me no time the statement is somewhat muddy & disjointed.

② The Mill is now ~~in~~ <sup>in</sup> course of construction at  
<sup>5 miles North East of</sup>  
Stewardsville, ~~near~~ <sup>near</sup> Eastern Penna on the line  
of the Delaware & Lehigh R.R. & ~~is~~ <sup>is</sup> ~~located~~ <sup>located</sup> ~~in~~ <sup>in</sup> a  
valley about  $\frac{3}{4}$  of a mile wide.  
The mountains on either side consists of Gneiss  
rock. The principal part of the valley is of  
Magnesian Limestone or Dolomite which  
~~is~~ <sup>is</sup> ~~laid~~ <sup>laid</sup> ~~against~~ <sup>against</sup> the gneiss rock of the  
mountains.

in the Center of the Valley is a core of  
 Cement rock and a layer of fossiliferous  
 Limestone. The Cement rock is of the usual  
 Character, low in magnesia, & deficient in lime  
 so that a percent of Limestone is required to  
 bring it to the proper assay for producing  
 a good Cement. - The width of the  
 Limestone is  $\pm 60$  feet the width of the Cement  
 rock is 800 feet. All between walls of  
 Dolomite <sup>sediment</sup> The Limestone assay about  
 95 Carbonate. - The peculiarity of this  
 deposit is that it stands nearly vertical  
 and for 2 miles ~~to large extent~~ has  
 the same width & is in a straight line,  
 All other Cement ~~rocks~~ <sup>plants</sup> in this region  
 work on deposits nearly flat with  
 the Limestone underneath so that it can

never be available, hence they are  
 compelled to haul their limestone from  
 distant localities & pay a charge of  
 0 \$1.40 to \$1.25 per ton.

⑧ The Cement rock in the Eastern strata where  
 all the dry Cement Mills are <sup>located</sup> is of the  
 same <sup>geologic</sup> age & laid down <sup>approximately</sup> at the same time  
 but the amount of silica, alumina & lime  
 varies from top to bottom, hence the present mills  
 are under the disadvantage of having to  
 contend with a constantly varying character  
 of rock.

⑨ Knowing these disadvantages & sought by  
 prospecting a condition where the rock  
 should stand vertical so that the limestone  
 & cement rock could be mined together  
~~also that the~~ instead of being several  
 hundred feet below & unavailable should  
 be thrown up ~~there~~ at the same time, have

- \* the stratifications of the Cement rock,  
 so the mining could be along the lines of  
 stratification, <sup>(Quartz)</sup> not at right angles <sup>(Shale)</sup>  
 \* hence the recovery will be <sup>constant</sup> of the  
 lines are followed:—

① After sinking about 2 miles of test pits  
 this Condition was found in a pinch of  
 the Valley at Stewartville \* I was  
 also desirous of using modern steam  
 shovels for ~~the~~ mining & these conditions  
 are ideal for shovel mining

② The Company has secured all of the ~~rock~~  
~~standing at such an available rock~~ Cement  
 Rock lands where the above Conditions  
 obtain <sup>and the</sup> amount easily mined <sup>is full</sup> 75 million  
 Tons.

① The Works are on a plot of ground of 45 acres; The ground ~~is~~ flat; The Mill is built on a straight line, & will be 2600 feet long.

A Broad gauge Railway runs from the Mill to the ~~the~~ Quarry 9000 feet away, Two steamshovels each weighing 195000 pounds will be in the quarry, one for the Limestone and one for the Cement rock.

② The rock is blasted out end on to the stratification & will follow the lines of equal assay. - ~~(about 1/2)~~?

The Drill holes ~~for blasting~~ are 20 ft deep, drilled ~~at the face of the cut~~ ~~60 ft wide~~ 8 ft back from ~~60 ft wide~~

(B)

6

I do not think that any one will dispute the fact after seeing our methods of mining & crushing at the Iron Works at Edison, N.J. that a new departure has been made in Cheap mining both in quantity & cheapness; - Our method is based on the fact that the Total available ~~horse power~~ work in a ton of 40% dynamite and a ton of Coal in a Steam Engine are about the same and as the Dynamite costs 100 times more per ton than Coal, all the work possible to be done on the rock should be done ~~by the Engine~~ ~~and~~ mechanically with Coal; ~~and~~ also that the cost of drilling rock for blasting is another large item

of expense - & that a minimum amount  
of that should be done.

⑧ I have solved the problem by constructing  
large rolls, ~~weighing~~ <sup>and</sup> weighing over  
200,000 lbs and having a surface  
velocity of 4000 ft per minute.  
These rolls receive <sup>and</sup> crush rocks weighing  
5 tons - ~~They~~ They crush ~~to~~ a skip load of  
rocks weighing 7 tons in 7 seconds down  
to 14 inch size.

These rolls have no gears ~~or mechanism~~  
for driving, but are driven by a plain  
belt through a friction. The crushing  
is not done directly, but by the stored  
up power. They require about 80



Have power to drive them but  
 when crushing ~~exert~~ for instance  
 a 5 ton piece exert from <sup>50000</sup> to 60000  
 horsepower for a fraction of a second.  
 Therefore it is not necessary ~~to~~  
 to drill many holes or use dynamite  
 excessively as is now done to blow the  
 rock out to fit the machining now in  
 use. ~~But the sign blown~~

- ① We have reduced the cost of dynamite  
 for ton of rock down to <sup>about</sup> 2.9% cents  
 and the cost of drilling <sup>to start</sup> 2½¢ per ton  
~~the same~~

- ② Our steam shovels are up to date  
 and can ~~do~~ load a 7 ton skip  
 in 1½ minutes <sup>from</sup> ~~off~~ rock in heaps <sup>with</sup> 5 ton



At Stewardsville we expect to mine and  
 deliver to the Crushers 1500 tons of Cement  
 rock & Limestone in 10 hours at a  
 Cost not exceeding 10 cents <sup>per ton</sup>. This includes  
 Repairs to Shovel, Drills, Railway, Locomotives  
 Cars, skips, air compressor - fuel, supplies  
 Dynamite & and sinking fund for death of  
 machinery no longer repairable -

⑧ Having explained our system of mining  
I will ~~now~~ explain the preliminary  
Crushing plant.

⑨ The Cars arriving on the Railway, from  
the quarry are drawn up an incline to the Crusher.  
3 Cars at a time. Each Car has on it a  
Skip holding ~~about 6 to 7 tons~~ 6 to 7 tons of rock.  
These skips are made of  $\frac{1}{2}$  inch steel  
plate; Electric hoists are used to draw up the cars.  
~~When the cars~~ when the first Car is opposite  
the hopper of the Roller, it is automatically  
~~tipped~~ raised at one end to an angle of  
45 degrees <sup>with</sup> the open end down, a roller  
fed causes the ~~rock~~ rock to be fed out of  
the skip into <sup>where all the granite</sup> the roller in 7 seconds;  
when empty the skip is automatically

replaced in the car, <sup>and</sup> another car is advanced, tipped + so on till the 3 cars are empty - These are lowered down the incline + automatically disconnected + 3 more cars are raised on the incline. -

- ③ A receptacle below ~~the cars~~ the giant roll holds sufficient ~~cars~~ <sup>quantity</sup> to ~~supply the cars~~ supply ore to the smaller rolls while the next lot of 3 cars is being raised up the incline; - These operations are performed by one man at the Rolls and one man at the Bottom of the incline, but we have a model working which seems to prove that we can do away with the man at the Bottom.

⑧

The rock passing through the Giant Roller is reduced from <sup>pieces</sup>  $4\frac{1}{2}$  ft square to 14 inches square, & goes into a bin, from this bin it is fed by a roller feed to a smaller roll which reduces it to  $4\frac{1}{2}$  inches pieces, it then passes to a 2nd small roll which reduces it to  $1\frac{1}{4}$  inches & finally passes a 3rd small roll which reduces it to  $\frac{3}{8}$  of inch cubes & less.

The rate of crushing or passing of ore through the smaller rolls is 300 tons per hour.

~~This is the crushing process~~

⑨

This plant is driven by an upright Compound Condensing Corliss Valve Engine ~~via Revolution pump~~ made by Allis of Milwaukee, Wis.  $13\frac{1}{2}$  pounds of water per indicated

horsepower guaranteed. Ellis is the  
 \* firm which got the Glasgow Scott and  
Contract -

The Engine makes 100 Revolutions per minute  
 + drives the main shaft direct. The  
 rolls are driven by the English system  
 = of rope driving = the whole plant is of  
 stone & steel (no wood) -  
 3 men & the Engineer run this plant.

- ⑧ After leaving the Crushing plant the  
 crushed material is taken by a  
 Conveyor to the top of a dryer, 50 feet  
 in height. This dryer has a capacity  
 for heating 300 tons of wet material  
 per hour so that when in the final  
 stock house the moisture is less  
 than 1 per cent.

after passing through the dryer, <sup>the rock</sup> in which 2 men are employed, ~~it~~ is carried by a conveyor to <sup>the top of</sup> a stock house several hundred feet long, & delivered at various points along the same.

The rock drops down & forms a natural cone of which there are seven, Each cone contains 1500 tons.

The Roof of the stock house has about the same angle as the cone so the maximum storage is obtained for the minimum building. ~~The building is entirely~~ of steel.

- ⑧ At one end of this stock house is a large positive exhausting fan, which exhausts 100 000 cubic ft of



air per minute, at the other end is  
 a small furnace with slow combustion  
 conditions so that the products of  
 Combustion of the Coal is mixed with  
 100 000 Cubic ft of air as it passes into  
 the stock house at ~~the~~ end & is exhausted  
 at the other; The Capacity of the  
 air for moisture is increased in the  
 winter so that the ~~the~~ moisture not  
 taken out by the dryer is taken out  
 completely by this method with  
 Extreme Economy so that the ore  
 is ~~bone~~ dry ~~when~~ when used. —  
 bone

⑧

As the ore comes from the Dryer & before it enters this stock house, an automatic sampler takes <sup>seconds</sup> samples of the rock every 30 ~~seconds~~ during the entire time of the formation of a Cone of ~~45~~ 1500 tons. From these samples thus taken the assay department knows exactly the average assay of the whole Cone & on account of the quantity in one Cone, that department has abundant time to make accurate & full analyses. This is a great advantage as by present methods <sup>used by others</sup> where ~~20~~ barrows of ~~concentrate~~ are used and weighed, it's impossible to assay but a few of the Cement rock, on account of the way

Geological conditions in conjunction  
with <sup>their</sup> ~~the~~ system of mining, is constantly  
varying, in fact no two barrows assay  
the same.

As I have previously stated there is  
room in the stock house for 7 cones of  
~~raw~~ material. The object of having  
7 cones is this.

1st One cone is being formed by the crushing  
plant.

2nd One cone is being drawn from for  
the ~~the~~ fine crushing plant.

3rd

150  
3  
7500

(8) I will now explain why the stack house is made to hold 7 cones of rice each containing 1500 tons -

While we know <sup>from</sup> the sampler the exact average assay of a cone of 1500 tons, ~~and to the sampler~~.

This assay of the ore in the first part of the formation of the cone ~~may~~ not be the same as the last portion in other words the rock even when mined along the same lines of stratification is not exactly the same because there are pockets of Calcite & also silica which at one time are numerous & at other times disappear so that in the morning the rock may be quite free from pockets, whereas in the afternoon many may appear so that the assays of the morning & the afternoon will not be exactly the same.

4 as no one can make a perfectly even portland Cement without ~~the~~ <sup>its</sup> materials have an even & known assay, it is essential that this cone of ore should go through a mixing process so that when it is ~~drawn from~~ <sup>delivered to</sup> the fine crushing mill its assay will correspond exactly with the assay originally obtained from the automatic sampler.

~~9~~ <sup>9</sup> ~~to~~ <sup>spring</sup> this by ~~make~~ <sup>using</sup> parallel conveyors in the stock houses. The cone is rapidly drawn upon ~~or~~ carried by conveyors to the top of the stock house and deposited in a new place so that the original cone is entirely removed & appears in another part of the same stock house. The method of

drawing off the cone & the distributing device for placing it at another point is such that a sample drawn from it after this operation will check with the original sampler as a -

A. It is ready to be <sup>drawn from by the</sup> ~~connected to the~~ ~~mill~~ <sup>fine crushing part of the mill</sup>

⑧ A portion of the stock house is used for Limestone Cones and these are sampled & mixed in the same manner -

I would mention that the amount of limestone used is not great the crushing plant only

runs a few hours every other day  
on Limestone -

By this method the Cement rock &  
Limestone assay of 1500 tons are  
absolutely known & the proportion of  
Limestone to Cement is given for  
Each Cone or pile by the Chemical  
department -

4 men are employed in the  
stock house department,  
all conveyors are run by motors  
from the <sup>central</sup> power station. -

(8)

23

The next operation is the weighing house to which is connected a small stockhouse.

In the weighing house are two bins holding 100 tons each of Cement rock + Limestone, ~~at~~ the bottom of these bins are provided with Roller feeds ~~and~~ underneath these feeds are bins holding 15 tons on weighing scales, one for Cement rock, the other for Limestone. The Cement rock bin is filled to hold 30,000 lbs - The Limestone bin is filled until the beam balances the weight set by the Chemical department.



When correct the two are emptied into  
 a bin underneath & they ~~are~~  
 emptied that the two materials are  
 perfectly mixed; The mixed material  
 then goes to the small stockhouse  
~~which is being drawn upon~~ and is ready to be delivered to  
 of the fine grinding Mill. —

- Ⓟ The bins & machinery <sup>are</sup> on steel Columns  
~~The~~ The building is also of steel —  
 I will mention here that in the whole  
 plant I ~~have~~ have adopted the  
 plan of putting all machinery on  
 rock ~~bottom~~ foundation & where that  
 is impossible to support it either  
 by stone masonry or steel Columns.  
 independent of the building.  
 Ⓧ 1 ~~So that~~ nothing is connected to ~~the~~

The ~~fine grinding~~ <sup>transmit</sup> ~~transmission~~ ~~than to the steel rollers~~ consecutive ~~strains~~ strains  
 Y ~~buildings~~ The Buildings are used only  
 to keep out rain & are of the lightest  
 steel construction, corrugated roof ~~boards~~ <sup>with</sup> ~~boards~~  
~~very expensive~~, by this means we  
 have cheap construction,

- ①  
 + The fine grinding department  
 consists of ~~three~~ 5 High Crushing Rollers  
 one of which is a spare roll to permit  
 of changing plates; about 375 tons  
 of the material from the stack house  
 pass through each roll per hour  
 making <sup>total</sup> 750 tons per hour; - After  
 passing the rollers the material will

Contains about 20% of material which  
 will pass a two hundred mesh sieve.  
 The ore goes to a Blowing  
 house - the 200 mesh material is  
 separated by a blowing process. The  
 coarse material returning to the rolls  
 for regrinding. It is the 100 tons  
 going into the mill and the returns  
 from the blowing house which make  
 up the 750 tons per hour passing the  
 rolls. The material is subjected  
 to a pressure of about 16000  
 lbs per square inch, ~~which is~~  
~~which is the pressure of~~  
~~trap rock of the same size~~

The reason ~~that~~ I want the various material  
you give is to get an intimate knowledge  
of the Union with the General rock,  
~~with out the Union and the General rock~~  
~~and the Union and the General rock~~

It is useless having to ~~not~~ make "all" and  
of an even quality  
Current ~~is a large~~ ~~concentrating~~  
~~result~~ ~~1111~~ ~~1/2~~ of the ~~from~~ crushing  
is ~~not~~ coarser than 200 mesh.

The <sup>200</sup> product ~~is~~  
~~also~~ ~~used~~ as a ~~solid~~ ~~block~~ ~~and~~  
forming a natural cover of 600 tons,  
to have one employed in this department,

from his stock house, it is drawn to the Rotary burner.

- ① I have changed the method of operating a rotating rotary burner so that the output <sup>will be</sup> greatly increased and the fuel consumption very much diminished.

Rotary burners now used in this country are generally 60 ft long 5 ft in diameter lined with fire brick,

~~the fuel from~~ <sup>and</sup> ~~the~~ natural draft furnace for most of the air for combustion and use powdered ~~gas~~ gas coal projected into the furnace by compressed air, only a little air under high pressure is used for projection.

29-

The ~~fire~~ ~~incineration~~ cylinder is made of  
~~vertical~~ boiler plate, and is 4

feet in diameter. The plate  
is wrapped so that more rollers cannot  
(except specially ~~one~~ ~~one~~) be used;

~~The hot gases~~ The total amount of heat  
is about 140 lbs. of heat per bbl.

of cement, while the hot gases  
weigh 2 tons per bbl. of cement and

have a temperature of varying  
from 900 to 1200 degrees Fahr.

The clinker as it leaves the cylinder  
has a temperature of about 2500 to  
2700 degrees Fahr. & all this heat

is lost, in addition to ~~excess~~ loss

by radiation from the cylinder itself.

The price of both coal and cement material  
 is uncertain & <sup>is</sup> ever varying. The drought  
 being natural is also varying.  
 So that each business must have an  
 agent that who for by experience ~~is~~  
~~can~~ ~~judge~~ ~~the~~ ~~market~~ ~~and~~ ~~be~~ ~~able~~ ~~to~~ ~~judge~~  
 judge the local & regulate ~~the~~  
~~the~~ so that ~~the~~ ~~business~~ the ~~business~~  
 is under ~~the~~ ~~best~~ ~~and~~ ~~at~~ ~~all~~ ~~times~~  
 covered ~~by~~ ~~the~~ ~~business~~ ~~to~~ ~~prevent~~ ~~losses~~  
 it is the custom for the <sup>local</sup> ~~business~~ ~~to~~ ~~have~~  
~~the~~ ~~business~~ ~~to~~ ~~have~~ 2 or more  
 brands <sup>and</sup> when things work good  
 they all the product ~~is~~ "XX Brand" when things  
 are a little bad it's <sup>"the X brand"</sup> ~~the X brand~~ and when  
 pretty bad it's "Poor Brand"

① I have a complete roaster erected on my laboratory grounds, full size and will have it running in a few weeks when I get my air & feed apparatus <sup>complete</sup>.

This roaster is 6 feet in diameter ~~and~~ 100 ft long made of cast-iron in sections of 10 ft each, bolted together, the flanges of each section runs on large supporting wheels, The whole <sup>roaster</sup> weighs about 275,000 lbs when lined <sup>with brick</sup>; it is so lined that radiation from the outside is reduced to a point where it no longer pays to diminish it. —



The coming of June is much longer  
than the coming of 60 ft. dry land.  
Buckling is eliminated by increasing  
exit water. —

⑧ I regenerate the heat at both ends of  
~~the~~ <sup>the</sup> clinker ~~very~~ <sup>very</sup> soon with a  
regeneration the air at the bottom  
will come from the bottom and from  
preliminary experiments we have  
tried, we think the clinker will  
be reduced from 2700 degrees to  
650 <sup>degrees</sup>, ~~from 2700~~ This effect is  
considerable saving but also  
great saving in fuel in the  
exit end by the water run <sup>good</sup>  
go out. —

The gas, <sup>has</sup> passes into a superheater, which ~~will~~ <sup>passes</sup> points the cold incoming ~~gas~~ to absorb the heat from the gases. ~~But~~ If our preliminary experiments hold out in actual <sup>practice</sup> we shall reduce the temperature from ~~1100~~ <sup>1100</sup> to 350 <sup>degrees</sup> ~~°F~~ I hope here.

- ⑧ ~~We~~ do not depend on natural draft but use forced draught <sup>in blower</sup> in my feeding devices for both powdered coal & cement dust will not vary <sup>moment</sup> ~~much~~, hence I can regulate my air of combustion to produce the best away of the exit gases independent of the weather.

③ The variation in the feasibility of the climber  
 due to varying composition of  $\text{K}_2\text{O}$  &  
 take care of by controlling the speed of  
 rotation;— Each rotary is run by  
 a motor. At the climbing zone unpressed bricks  
are used. The present  $\text{Co}$  burners are limited  
 to a capacity of  $\frac{60}{60}$  682— per hour,  
~~and at this~~ Our experiments have shown  
 why there is a demand for it  
 but whether or one seems to have noticed;  
 I expect to get 3 times that capacity  
 and I also expect to reduce the  
 $\text{Co}$  consumption from 140 lbs  $\text{Co}$   
 per 682  $\text{Co}$  <sup>bricks</sup>  $\text{Co}$  <sup>bricks</sup>, which is a large item  
 of saving while  $\text{Co}$  is ~~high~~ <sup>costly</sup>; In places  
 where  $\text{Co}$  is ~~expensive~~ <sup>it would pay to increase</sup>  
 the investment to reduce it to 50 lbs  $\text{Co}$  <sup>per hour</sup>  $\text{Co}$  <sup>per hour</sup>

as the increased investment in and earn-  
 Clear 15% —

(9)

I wish to say that the burning of  
 Portland Cement <sup>is</sup> somewhat out of  
 my line, ~~I am perfectly~~ <sup>I am perfectly</sup> familiar with  
 it. ~~It is a very common~~ <sup>It is a very common</sup> ~~and crushing~~  
~~and I would not~~ <sup>and I would not</sup> ~~be~~ <sup>be</sup> ~~advised~~ <sup>advised</sup> ~~to~~ <sup>to</sup> ~~adopt~~ <sup>adopt</sup> ~~the~~ <sup>the</sup> ~~standard~~ <sup>standard</sup> ~~Rotary~~ <sup>Rotary</sup> ~~mill~~ <sup>mill</sup> ~~as~~ <sup>as</sup> ~~it~~ <sup>it</sup> ~~is~~ <sup>is</sup> ~~not~~ <sup>not</sup> ~~an~~ <sup>an</sup> ~~investigation~~ <sup>investigation</sup> ~~but~~ <sup>but</sup> ~~when~~ <sup>when</sup> ~~an~~ <sup>an</sup> ~~investigation~~ <sup>investigation</sup> ~~is~~ <sup>is</sup> ~~made~~ <sup>made</sup> ~~the~~ <sup>the</sup> ~~great~~ <sup>great</sup> ~~cost~~ <sup>cost</sup> ~~of~~ <sup>of</sup> ~~labor~~ <sup>labor</sup> ~~and~~ <sup>and</sup> ~~fuel~~ <sup>fuel</sup> ~~and~~ <sup>and</sup> ~~the~~ <sup>the</sup> ~~ever~~ <sup>ever</sup> ~~varying~~ <sup>varying</sup> ~~quality~~ <sup>quality</sup> ~~of~~ <sup>of</sup> ~~the~~ <sup>the</sup> ~~clinker~~ <sup>clinker</sup> ~~that~~ <sup>that</sup> ~~I~~ <sup>I</sup> ~~was~~ <sup>was</sup> ~~compelled~~ <sup>compelled</sup> ~~to~~ <sup>to</sup> ~~take~~ <sup>take</sup> ~~the~~ <sup>the</sup> ~~matter~~ <sup>matter</sup> ~~up~~ <sup>up</sup> ~~experimentally~~ <sup>experimentally</sup>



from this clock house and passes to  
the clock house -  
containing 3 - five high rolls, one of  
which is a roller.

These rolls grind the clock, producing  
at each pass about 15 percent of  
materially comminuted - all of which  
passes 100 mesh. The stream of  
clock, passing the rolls is nearly  
an inch thick and is subjected to  
a pressure of 10000 lbs per square inch,  
owing to the thick stream, most of the  
clock crumbles itself producing plenty  
of what is called "fines", ~~which are~~  
~~fine as in fact~~

Cement is made in <sup>ordinary</sup> ways in the ordinary  
 way by adding steam is merely crushed  
 & while it may pass a very fine screen  
 there is an enormous quantity of "fines" to  
 convert it to cement by the a large  
 quantity of water.

~~1882~~ Before the organization of the  
 American Co. was studying the Steamship  
 Mill, They required that I should build  
 a small mill & prove that the 3 High  
 Roll would crush 100 bbls of cement  
 per hour. The test was made on  
 clinker ground from a Cement  
 mill ~~1882~~ & the tests  
 made by the Committee showed

but the rolls ground at the edge  
 of the rolls are <sup>in</sup> I have  
<sup>rolls</sup> <sup>instead of 3 high</sup>  
 ground at <sup>1</sup> 150 600 200 <sup>high</sup> <sup>they will</sup>  
 fine per <sup>1</sup> <sup>high</sup>

~~The <sup>1</sup> <sup>high</sup> <sup>they will</sup>~~

- ⑧ Some of the American Cements have  
 too much "flow". They set almost  
 instantly & require heavy <sup>corrosion</sup>  
 of <sup>corrosion</sup> ~~the <sup>1</sup> <sup>high</sup> <sup>they will</sup>~~  
~~the <sup>1</sup> <sup>high</sup> <sup>they will</sup>~~ I do not intend making  
 an extraordinarily strong cement at  
 all. I double, but a cement that  
 is moderately strong ~~in the <sup>1</sup> <sup>high</sup> <sup>they will</sup>~~



and which will always be the same  
 + can be relied on. There will be only  
 one brand, any mistakes will go to the  
 dump heap -

8

After the material goes on the rolls  
 it passes to screens. The material  
 returning to the rolls, the screened  
 materials, then passes to a Rescreening  
 house which screens it to 200  
 mesh retaining the particles  
 larger than that size ~~back~~ to  
 the rolls =  
 The reason that I screen & rescreen

11 is that, I have a new method of screening which will bring more of the coal is so small as to be neglected in determining costs and also for the reason that with definite screening I am assured of the gain of my investment in respect to the consequences which + the certainly of operation.—

⑧ From the rescreening house it passes to the final stock houses—

These stock houses are ~~the only ones~~ ~~of a large~~ have a floor of concrete 120 feet across + 300 ft long. There

as no sides, the ~~roof~~ bottom of the  
roof rests on the concrete floor.  
The angle of the roof is 40 degrees  
at the apex and along the whole  
length is a cornice which  
rests on the concrete along  
the whole bottom in 3 corners  
each holding 13000 lbs of

Cement; etc.

- ① Protruding upwards from the concrete  
floor <sup>about 1 foot</sup> are several pipes, these  
pipes are distributed at certain  
points over the area which  
the balloon of the cone will

occupy these ~~outer~~ pipes are so arranged that no cement can pass down them. The whole of the pressure is exerted within an annulus,

The difference of pressure under & outside the Case causes a desorption of water to take place through the pipe. When the hygroscopic shows equally on both sides the Case is sealed.

(P) The company states the Cement from the Case ~~must~~ <sup>uses the</sup> Sulphate bags (H) loads in box cars at the rate of 400 bags per hour with 2 men and one boy.

17

I  
fine

44

~~Concrete~~ grinding balls are  
+ Cement grinding balls are  
Each run by Compound Upright  
Atlas Engine - for economy  
of first choice, all other machines  
in the line of plant is run by Atlas  
Engines from a power station.

Planned plant is a great  
in a low power house  
machine shop.

Foundry, stores, etc., oilhouse etc

The whole plant is ruled from a  
Central system by pipes, oil  
is used freely to reduce friction

it then flows back to the oil house  
where it is filtered and pumped  
back to high level tanks,  
supplying the out-pipe system.  
150 lbs of oil will pass the  
bearings & be filtered daily.  
The loss will be minimal & only due  
to joint leakage in the pipe  
system.

①

We want that every operation in this  
plant to be automatic ~~and that~~  
~~the~~ Except in 2 or 3 instances so  
that the operator's only duty is to  
watch & ring the bell down in  
case of emergency.

This mill will have an ultimate  
 Capacity of 10,000 bbls of Cement  
 daily - and yet this will only  
 be <sup>nine</sup> ~~3~~ percent of crushing capacity  
 of the mill on the entire mill  
 & these <sup>nine</sup> ~~3~~ percent being rolls  
 simply has reached a limit.  
~~be more~~

- ① As to the price <sup>at which</sup> ~~that~~ I expect to  
 make Portland Cement ~~at~~ <sup>at</sup>  
 Shawandville, I do not think  
 it will exceed 45 cents per bbl  
<sup>with</sup> ~~at~~ the present price of coal &  
 Labor including keeping the

I

47

II

Mill in perfect repair and a sinking fund  
for gradual depreciation, but exceeding  
expenses for Executive Taxes & working -

I think with the Standard Oil plant  
we could do current on the plant  
any kind of work we want providing  
the ingredients can be blended  
to produce a normal current such as  
Stacy, Stacy etc.

James will have 10000 \$  
per day could be constructed



Cheaper operated Cheaper Out  
~~taking the average man of the~~  
~~type of manager~~ The technical  
 staff would require to have  
 higher education, and no ability  
 is scarce - there is enormous poor  
 management - so in my opinion  
 10000 661 unit is ~~safe for~~  
~~is the~~ about as far as it is safe  
 to go -



4th Using Combustion Machinery for fire material that has 80 percent efficiency instead of 5 or 6% & 80% less wear for the of exhaust.

5th Employing the highest efficiency engines now made & sold commercially.

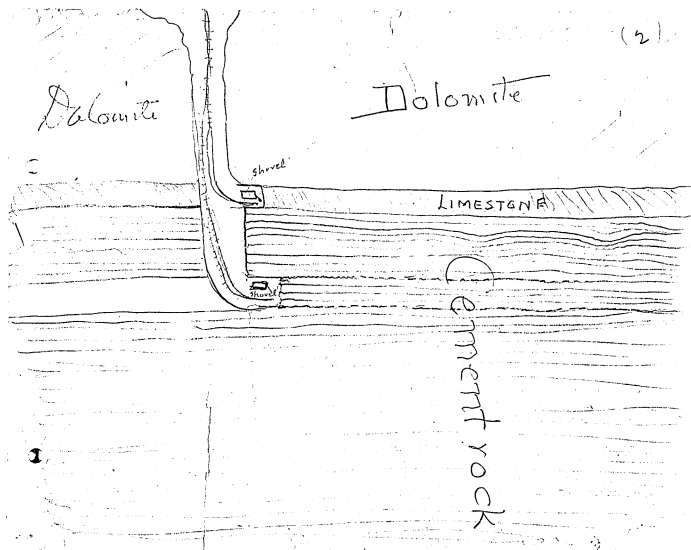
6th Reducing the coefficient of friction in every part of the plant by the use of oil flooded bearings dust proof.

7th Regeneration of heat at all points in burning process.

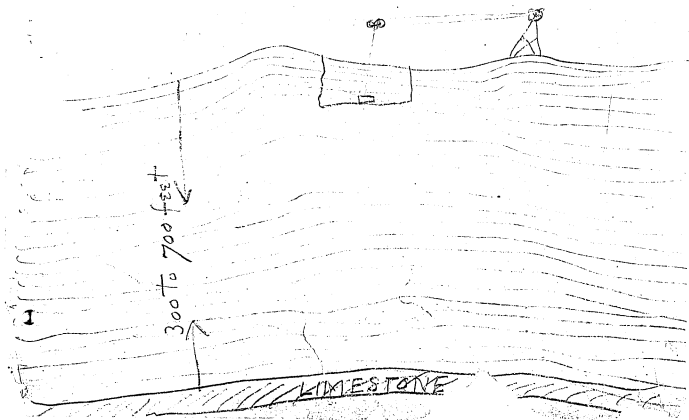
8th Constructing & designing the plant so the design elements shall be small, ~~etc~~

9<sup>15</sup> Making operations definite  
+ not dependent on judgement  
so high priced labor is not  
required

*W. J. M.*



3



[ATTACHMENT]

Thomas A Edison, Personal

March 22, 1921

R. W. Kellow, Secretary

Mr. Charles Edison

Data in Mr. Edison's hand writing regarding Edison Portland Cement.

I am sending you with this letter a long memoranda in Mr. Edison's hand writing in lead pencil and dated May 11, 1900 together with sketches. The memorandum is evidently a draft and is addressed to "My dear Dick". These are some old papers that have been knocking around in our safe and I am sending them to you for their historical interest and because I think you will be interested in them. Perhaps, also Mr. Lambert would like to look them over.

Please acknowledge receipt of the papers on the attached copy of this memorandum.

R. W. KELLOW

Secretary

*Let me see them*

Copy for Mr. Edison

My dear Dick:--

Orange N.Y. 5/1-1900

Your cable received to-day. I understand that you desire information as to the advantages which we expect at our Stewartsville Cement Mill over those already in existence, both commercially as to costs, investment and quality of cement, such information being for our Syndicate at London.

I will briefly describe the character of the Mill and nature of the rock, but as you give me no time, the statement is somewhat muddy and disjointed.

The Mill ~~is~~ now in course of construction at Stewartsville New Jersey, five miles North-east of <sup>Easton</sup> ~~Eastern~~ <sup>and so</sup> Pennsylvania, on the Delaware, Lackawanna & Western R. R.; It is in a Valley about three-quarters of a mile wide. The mountains on either side consists of Gneiss rock; The principal part of the Valley is of magnesia, limestone or dolomite, which lays against the Gneiss rock of the mountains. In the center of the Valley is a core of cement rock and a layer of fossiliferous limestone. The cement rock is of the usual character, low in magnesia, and deficient in lime, so that a percent of limestone is required to bring it to the proper assay for producing a good cement. The width of the limestone is 60 feet; the width of the cement rock is 800 feet, all between walls of dolomite, (see sketch #1). The limestone assay about 95% carbonate; The peculiarity of this deposit is that it stands nearly vertical and for two miles has the same width and is in a straight line. ~~all~~

<sup>all</sup> other Cement Plants in this region work on deposits nearly flat, with the limestone underneath so that it can never be available, hence they are compelled to haul their limestone from distant localities and pay <sup>for it in some cases fully</sup> a charge of ~~\$1.00~~ to \$1.25 per ton.

The cement rock in the Eastern States where all the dry Cement Mills are situated, is of the same geological age and laid down at approximately the same time, but the amount of silice, alumina and lime varies from top to bottom, hence the present Mills are under the disadvantage of having to contend with a constantly varying character of rock.



Knowing these disadvantages I sought by prospecting, a condition where the rock should stand vertical so that the limestone, instead of being several hundred feet below and unavailable, should be thrown up and at the same time have the stratifications of the cement rock, so the mining could be along the lines of stratification, (sketch #2) and not at right angles, (sketch #3,) hence the assay will be practically constant if the lines are followed.

After sinking about two miles of test pits, this condition was found in a pinch of the Valley at Stewartville. <sup>the rocks are</sup> very desirous of using modern steam shovels for mining and <sup>the</sup> these conditions are ideal for shovel mining. <sup>(about 600 acres)</sup>

The Company has secured all of the ~~land~~ lands, where the above conditions obtain and the amount easily mined is fully 75 million tons. The works are on a plot of ground of 45 acres; the ground is flat. The Mill is built on a straight line and will be 2600 feet long. A broad gauge Railway runs from the Mill to the quarry 9000 feet away. Two steam shovels, each weighing 195000 pounds <sup>are on the ground</sup> ~~in the quarry~~; one for the limestone and one for the cement rock. The rock is blasted out <sup>and</sup> on to the stratification and will follow the lines of equal assay.

~~I do not think that anyone will dispute the fact after seeing our methods of mining and crushing at the Iron Works at Milson, New Jersey, that a new departure has been made in cheap mining, both in quantity and cheapness. Our method is based on the fact that the total available work in a ton of 40% dynamite and a ton of coal in a steam engine, are about the same, and as the dynamite costs 100 times more per ton than coal, all the work possible to be done on the rock should be done mechanically with coal, also that the cost of drilling rock for blasting is another large item of expense, and that a minimum amount of that should be done.~~

~~I have solved the problem by constructing large rolls weighing over 200000 lbs. and having a surface velocity of 4000 ft. per minute. These rolls receive and crush rocks weighing five tons. They crush a skip load of rock weighing seven tons, in seven seconds down to 14 inch size.~~

3

~~These rolls have no gears for driving, but are driven by a plain belt through a friction. The crushing is not done directly, but by the stored up power. They require about 80 horsepower to drive them, but when crushing, for instance, a 5-ton piece, exert from 50000 to 60000 horsepower for a fraction of a second; therefore it is not necessary to drill many holes or use dynamite excessively as is now done to blow the rock out to fit the machinery now in use.~~

~~We have reduced the cost of dynamite per ton of rock down to about 2-9/16 cents and the cost of drilling to about 2-1/2 cents per ton.~~

Our steam shovels are up to date, and can and do load a 7 ton skip in 1-1/2 minutes <sup>of</sup> ~~from~~ rock ~~in pieces~~ <sup>in</sup> 5 ton pieces and smaller. The amount of rock a steam shovel will load in ten hours depends upon the height of the working face of the quarry and the method employed; on a side hill quarry we have loaded 1300 tons in seven hours. In a through cut, 850 tons a day is a fair average, but more can be done; ~~it depends upon the drillers and methods.~~ The daily wages on our shovels are-

Engineer	8.00
Craneman	1.75
Fireman	1.50
4 Pitmen	5.40

~~The shovel burns on an average of 1-1/2 tons of coal per day.~~

~~At Stewartville~~ we expect to mine and deliver to the Crusher 1500 tons of cement rock and limestone in ten hours, at a cost not exceeding ten (10) cents per ton. This includes repairs to shovels, drills, railway, locomotive, cars, skips, air compressor, fuel, supplies, dynamite and sinking fund for death of machinery no longer repairable.

Having explained our system of mining, I will explain the preliminary Crushing Plant.

The cars arriving on the Railway from the quarry are drawn up an incline to the Crusher, three cars at a time, each car has on it a skip holding 6 to 7 tons of rock. These skips are made of 1/2 inch steel plate; electric hoists are used to draw up the cars. When the first car is opposite the hopper of the rolls, it is automatically raised at one end to an angle of 45 degrees with the open end down; a roller feed causes the rock to be fed out of the skip into what we call the Giant Rolls, in seven seconds. When empty the skip is automatically replaced on the car and another car is advanced, tipped and so on till the three cars are empty. These are lowered down the incline and automatically disconnected and three more cars are raised on the incline.

A receptacle below the Giant Roll holds sufficient quantity to supply ore to the smaller rolls, while the next lot of three cars is being raised up the incline. These operations are performed by one man at the Rolls and one man at the bottom of the incline, but we have a model working which seems to prove that we can do away with the man at the bottom.

The rock passing through the Giant Rolls is reduced from pieces 4-1/2 ft. square to 14 inches square, and goes into a bin; from this bin it is fed by a roller feed to a smaller roll, which reduces it to 4-1/2 inches pieces; it then passes to a 2nd small roll which reduces it to 1-1/4 inches and finally passes a 3rd small roll, which reduces it to 3/8 of inch cubes and less. The rate of crushing or passing of ore through the smaller rolls is 300 tons per hour.

This plant is driven by an upright Compound Condensing Corliss Valve Engine, made by Allis of Milwaukee, Wis. 13-1/2 pounds of water per indicated horsepower guaranteed; Allis is the firm which got the Glasgow, Scotland contract. The Engine makes 100 revolutions per minute and drives the main shaft direct; the rolls

4

We have purchased our engines from Allen & Sons of Milwaukee, Wis. and a guarantee of  $13\frac{1}{2}$  pounds of water per indicated horsepower - and have placed order for about 75% of the <sup>other</sup> necessary machinery - the engine are to be delivered in August - and the <sup>other</sup> machinery from July to October -

We have <sup>nearly</sup> completed the railroad from mill site to quarry and have started upon the foundations for the various buildings -

We have also completed a machine shop which is fully equipped ~~with~~ and in which we expect to do a considerable <sup>portion</sup> of the necessary machine work - buying the castings -

are driven by the English system of rope driving. The whole plant is of stone and steel (no wood.) Three men and the Engineer run this Plant.

After leaving the Crushing Plant the crushed material is taken by a Conveyor to the top of a dryer, 50 feet in height. This dryer has a capacity of heating 300 tons of wet material per hour, so that when in the final stock house the moisture is less than one per cent. After passing through the dryer, in which two men are employed, the rock is carried by a conveyor to the top of a stock house several hundred feet long, and delivered at various points along the same. The rock drops down and forms a natural cone of which there are seven; each cone contains 1500 tons. The roof of the stock house has about the same angle as the cone, so the maximum storage is obtained for the minimum building; the building is entirely of steel.

At one end of this stock house is a large positive exhausting fan, which exhausts 100000 cubic ft. of air per minute; at the other end is a small furnace with slow combustion conditions so that the products of combustion of the coal is mixed with 100000 cubic ft. of air as it passes into the stock house at one end and is exhausted at the other; The capacity of the air for moisture is increased in the Winter so that the moisture not taken out by the dryer is taken out completely by this method with extreme economy, so that the ore is <sup>bone</sup> dry when used.

As the ore comes from the dryer and before it enters this stock house, an Automatic Sampler takes a sample of the rock every thirty seconds during the entire time of the formation of a cone of 1500 tons. From the samples thus taken, the Assay Department knows exactly the average assay of the whole cone and on account of the quantity in one cone, that Department has abundant time to make accurate and full analysis. This is a great advantage as by present methods used by others, where barrows are used and weighed, it is impossible to assay but a few of them, and the cement rock, on account of the geological condition in conjunction with their system of mining, is constantly varying, in fact no two barrows assay the same.

5

all the machinery ~~will be~~  
 put on rock foundations where possible,  
 and where not possible it will be  
 the part on separate steel columns, which  
 will be independent of the buildings -

The buildings are used only  
 to keep out the weather and ~~are~~  
 be of the lightest steel construction  
 with corrugated roofs and sides, by  
 this means we will have cheap  
 construction -

We are building ~~the~~ at Dr. Edison's  
 laboratory a complete ~~water~~ <sup>hopper</sup> in which  
 there will be several changes over  
 existing burners - and which we  
 believe will greatly increase the  
 output per burner and make a

I will now explain why the stock house is made to hold seven cones of ore each containing 1500 tons.

While we know from the sampler, the exact average assay of a cone of 1500 tons, should the assay of the ore in the first part of the formation of the cone not be the same as the last portion; in other words, the rock even when mined along the same lines of stratification is not exactly the same, because there are pockets of Calcite and also Silica, which at one time are numerous and at other times disappear, so that in the morning the rock may be quite free from pockets, whereas in the afternoon many may appear, so that the assays of the morning and the afternoon will not be exactly the same, and as no one can make a perfectly even portland cement without the materials have an even and known assay, it is essential that this cone of ore should go through a mixing process so that when it is delivered to the fine crushing mill its assay will correspond exactly with the assay originally obtained from the Automatic Sampler. I accomplish this by having parallel conveyors in the stock house; the cone is rapidly drawn upon and carried by conveyors to the top of the stock house and deposited in a new place so that the original cone is entirely removed and appears in another part of the same stock house. The method of drawing off the cone and the distributing devices for placing it at another point, is such that a sample drawn from it after this operation, will check with the original sampler assay. It is then ready to be drawn from by the fine crushing part of the mill.

A portion of the stock house is used for limestone cones, and these are samples and mixed in the same manner. I would mention that as the amount of limestone used is not great, the crushing plant only runs a few hours every other day on limestone. By this method the cement rock and limestone assay of 1500 tons are absolute-known and the proportion of limestone to cement is given for each cone or pile by the Chemical Department. Four men are employed in the stock house department. All conveyors are run by Motors from the Central Power Station.

The next operation is the weighing house, to which is

even <sup>6</sup>  
~~constant~~ quality of clubs, -  
 on present business the regulation  
 is made by an attendant on each  
 burner who, by experience, judges the  
 heat and regulates the ~~conditions~~  
 with result that sometimes the  
 burner is under burnt and at other  
 it is ~~over~~ over burnt, and to prevent  
 loss it is the custom for the cement  
 miller to have two or more brands,  
 and when things work good they  
 call the product "their X brand", and  
 when things are a little bad, it's  
 "their Y brand" and when pretty bad, it's  
 "No brand".  
 Mr Adams not only expects  
 to increase the output per ~~burner~~ burner



connected a small stock house.

In the weighing house are two bins holding 100 tons each of cement rock and limestone; the bottom of these bins are provided with roller feeds; underneath these feeds are bins holding 15 tons on weighing scales, one for cement rock, the other for limestone. The cement rock bin is filled to hold 30000 lbs.- the limestone bin is filled until the beam balances the weight set by the Chemical Department. When correct, the two are emptied into a bin underneath and they are so emptied that the two materials are perfectly mixed. The mixed material then goes to the small stock house, and is ready to be delivered to the fine grinding mill.

The bins and machinery are on steel columns; the building is also of steel. I will mention here that in the whole plant I have adopted the plan of putting all machinery on rock foundation, and where that is impossible to support it either by stone masonry or steel columns independent of the buildings, so nothing is connected to transmit them to concussive strains. The buildings are used only to keep out rain and are of the lightest steel construction, with corrugated roof and sides. By this means we have cheap construction.

The fine grinding department consists of three 5 high crushing rolls, one of which is a spare roll to permit of changing plates; about 375 tons of the material from the stock house pass through each roll per hour, making 750 tons total per hour. After passing the rolls the material will contain about 20% of material which will pass a two hundred mesh screen. The ore goes to a blowing house and the 200 mesh material is separated by a blowing process; the coarse material returning to the rolls for regrinding. It is the 150 tons going into the mill and the returns from the blowing house which make up the 750 tons per hour passing the rolls. The material is subjected in the rolls to a pressure of about 16000 lbs. per square inch. The reason I crush the raw material so fine, is to get an intimately mixture of the limestone with the cement rock. It is useless trying to make portland cement of an even quality on a large scale if the crushing is coarser than 200 mesh. The 200 mesh product

7

very considerably, over ~~that~~ what  
is being done at present on existing  
borens but also expects to reduce  
the amount of fuel necessary per  
barrel - as well as making a  
very new product -

We have arranged for  
a ~~competent~~ <sup>competent</sup> engineering and mechanical  
force at ~~the~~ Stenaville and are  
pushing the work as fast as  
we can with the material in  
hand - ~~the~~

goes to a stock house forming a material cone of 600 tons. Six men are employed in this department. From this stock house, it is drawn to Rotary burners.

I have changed the method of constructing and operating rotary burners so that the output will be greatly increased and the fuel consumption very much diminished. Rotary burners now used in this Country are generally 60 ft. long and 5 ft. in diameter, lined with fire brick, and natural draft is used for most of the air for combustion, and use powdered gas coal projected into the furnace by compressed air; only a little air under high pressure is used for projection. The cylinder is made of boiler plate, and is on four rollers; the heat causes the plate to warp so that more rollers cannot (except specially constructed) be used. The coal consumption is about 140 lbs. of coal per bbl. of cement, while the exit gases weigh 2 tons per bbl of cement and have a temperature varying from 900 to 1200 degrees fahr. The clinker as it leaves the cylinder has a temperature of about 2500 to 2700 degrees fahr. and all this heat is lost, in addition to loss by radiation from the cylinder itself.

The feed of both coal and cement material is uncertain and is ever varying. The draught being natural is also varying, so that each burner must have an Attendant who, by experience, judges the heat and regulates so that sometimes the clinker is under-burnt and at other times over-burnt, and to prevent loss it is the custom for the cement mills to have two or more brands, and when things work good they call the product "their X X brand" and when things are a little bad, its "their X brand" and when pretty bad, its "Rosendale."

I have a complete roaster erected on my Laboratory grounds, full size, and will have it running in a few weeks when I get my air and feed apparatus completed. This roaster is 6 ft. in diameter, 100 ft. long, made of cast iron in sections of 10 ft. each, bolted together. The flanges of each section runs on large supporting wheels. The whole roaster weighs about 275000 lbs when lined with brick; it is so lined that radiation from the outside is reduced to a point where it no longer pays to diminish it. The power of rotation

is much less than the usual 60 ft. cylinder; buckling is eliminated by using cast iron.

I regenerate the heat at both ends of the roaster; the clinker passes into a regenerator. The air of combustion passes over the clinker and from preliminary experiments we have tried, we think the clinker will be reduced from 2700 degrees to 850 degrees. This effects considerable saving, but the great saving in heat units is at the exit end of the roaster where the gases go out. The gases here pass into a regenerator, which permits the cold incoming pulverised rock to absorb the heat from the gases. If our preliminary experiments hold out in actual practice, we shall reduce the temperature from 1100 degrees to 350 degrees, and I hope less.

I do not depend on natural draught, but use forced draught and I believe my feeding devices for both powdered coal and cement dust will not vary one per cent; hence I can regulate my air of combustion to produce the best assay of the exit gases independent of the weather.

The variation in the fusibility of the clinker due to varying proportions of iron, I take care of by controlling the speed of rotation. Each rotary is run by a Motor; at the clinkering zone, magnesia bricks are used. The present 60 burners are limited to a capacity of 6 to 7 bbls. per hour. Our experiments have shown why there is a limit and the reason for it, but which no one seems to have noticed; I expect to get three times that capacity and I also expect to reduce the coal consumption from 140 lbs. per bbl. to possibly 60 lbs., which is a large item of saving, where coal is costly. In places where coal is expensive, it would pay to increase the investment to reduce it to 50 lbs. per bbl. as long as the increased investment would earn clear 15%.

I wish to say that the burning of portland cement is somewhat out of my line. I am perfectly familiar with mining, crushing and concentrating, and I would and did intend to adopt the standard rotary roaster, and not go into that matter, but when on investigation I found a great cost of labor and fuel, and the ever varying

quality of the clinker, I was compelled to take the matter up experimentally and design my own roaster upon modern lines or as Carnegie's men say, get "it up to date." I think my appliances will permit the running of six roasters by two men.

After the clinker leaves the regenerator, it is taken by a conveyor to a crushing roll, to reduce it to 1/2 inch cubes and less and then passes into a clinker stock house, holding 10000 tons. From this stock house, it passes to the clinker grinding house containing three 5 high rolls, one of which is a spare. These rolls grind the clinker and produce at each pass about 15% of cement, all of which passes 150 mesh. The stream of clinker passing the rolls is nearly an inch thick, and is subjected to a pressure of 16000 lbs. per square inch, owing to the thick stream, most of the clinker crushes itself, producing plenty of what is called "flour." Cement crushed in ordinary rolls in the ordinary way by a thin stream, is ~~heavily~~ <sup>merely</sup> crushed and while it may pass a very fine screen, there is an insufficiently of "flour," to permit it to be used with a large quantity of sand.

Before the organization of the American Company now erecting the Stewartville Mill, they required that I should build a small mill and prove that the 5 high roll would crush 100 bbls. of cement per hour. The test was made on clinker purchased from a Cement Mill, and the tests made by the Committee showed that the rolls ground at the rate of 97 bbls. per hour. I have since made the rolls 5 high instead of 3 high, and they will grind about 150 bbls., 200 mesh fine per hour.

Some of the American Cements have too much "flour"; they set almost instantly and require heavy corrections of sulphate. I do not intend making an extraordinarily strong cement at Stewartville, but a cement that is moderately strong and which will always be the same, and can be relied on. There will be only one brand; any mistakes will go <sup>to</sup> the dump heap.

After the material passes the rolls, it passes two screens, the coarse returning to the rolls. The screened materials then passes to a rescreening house, which screens it to 200 mesh and

returns the particles larger than that size to the rolls. The reason that I screen and rescreen is, that I have a new method of screening wherein nothing moves and the cost is so small as to be neglected in determining costs and also for the reason that with definite screening, I am assured of the grain of my cement in respect to the coarser particles, and the certainty of aeration.

From the reëscreening house it passes to the final stock houses. These stock houses have a floor of concrete 120 <sup>ft.</sup> across, and 300 ft. long; the bottom of the roof rests on the concrete floor. The angle of the roof is 40 degrees. At the apex and along the whole length is a conveyor which distributes the cement along the stock house in three cones, each holding 13000 bbls. of cement.

Protruding upwards from the concrete floor, and about 1 ft. are several pipes; these pipes are distributed at certain points over the area which the bottom of the cone will occupy. These pipes are so arranged that no cement can pass down them. The whole of the pipes are connected with an exhauster. The difference of pressure under and outside the cones causes a respiration of air to take place through the pile; when the hygrometer shows equality on both sides the cone is aerated.

Machinery takes the cement from the cones, mixes the sulphate, bags and loads in box cars at the rate of 400 bags per hour, with two men and one boy/

The fine grinding rolls and cement grinding rolls are each run by compound upright Allis engines of the same economy at first recited. All other machinery in the entire plant is run by Electric Motors from a Central Power Station; connected with the plant is a coal grinding house, machine shop, foundry, store-room, oil house etc. The whole plant is oiled from a central system by pipes. Oil is used freely to reduce friction. It then flows back to the oil house where it is filtered and pumped back to the high level tanks, supplying the oil pipe system. 150 tons of oil will pass the bearings and be filtered daily. The loss will be small and only due to joint leakage in the pipe system.

We expect that every operation in this Plant to be auto-

matic, except in two or three instances, so that the employees' only duty is to watch and ring the mill down in case of accident. This mill will have an ultimate capacity of 10000 bbls. of cement daily, and yet there will only be nine pieces of crushing machinery to watch in the entire mill, and these nine pieces being rolls. Simplicity has reached a limit.

As to price at which I expect to make Portland cement at Stewartville, I do not think it will exceed 45 cents per bbl., with the present price of coal and labor, including keeping the mill in perfect repair and a sinking fund for gradual depreciation, but excluding expenses for Executive, taxes and selling.

I think with the Stewartville plant we can make cement with almost any kind of rock and limestone, providing the ingredients can be blended to produce a normal cement, such as slate, shale etc.

Larger mills than 10000 bbls. per day could be constructed cheaper and operated cheaper, but the technical staff would require to have high abilities and as ability is scarce, there is danger of poor management, so in my opinion, 10000 bbl. unit is about as far as it is safe to go.

From the estimated costs per barrel, you naturally wonder how it can be done when the costs by the present methods are so much higher. To this I answer:

1st. Cheapening of mining by devising machinery to do the work by coal instead of Dynamite.

2nd. Cheapening of mining by employing powerful shovels that will handle materials under the most adverse conditions.

3rd. Cheapening of the Coarse crushing by doing it on a large scale, and then making everything so automatic, that very much less labor is used in the large mill than in a small one of 1/5 the capacity.

4th. Using crushing machinery for fine material that has Eighty per. cent. efficiency instead of five or six per. cent and Eighty per. cent less wear per ton of product.

5th. Employing the highest efficiency engines now made and sold commercially.

6th. Reducing the coefficient of friction in every part of the plant by the use of oil flooded bearings, dust proof.

7th. Regeneration of heat at all points in burning cement.

8th. Constructing and designing the plant so the repair account shall be small.

9th. Making all operations definite and not dependent on judgment, so high priced labor is not required.



**Edison Portland Cement Company Records  
Corporate Files - General (1901)**

This folder contains correspondence and other documents relating primarily to activities at the Stewartsville works. Most of the letters are to or from Edison, Walter S. Mallory, Theron I. Crane, Edward A. Darling, and Francis R. Upton. There is also correspondence by attorney Alexander Elliott, Jr.; Thomas C. Martin of the *Electrical World and Engineer*; and investor and director Robert H. Thompson. The documents deal mainly with costs, equipment, and supplies. Some items pertain to meetings of the board of directors; others concern the uses of cement. Included are cost calculations for producing cement at capacities of 5,000 and 10,000 barrels per day.

Less than 5 percent of the documents have been selected. The unselected material includes letters relating to patent fees and competitive bids on forgings.

-S. 1008-AM.

W. S. MALLORY,  
Vice-President.

THOMAS A. EDISON,  
President.

J. F. RANDOLPH,  
Secretary-Treasurer.

## NEW JERSEY AND PENNSYLVANIA CONCENTRATING WORKS.

GENERAL OFFICES:  
EDISON LABORATORY,  
ORANGE, N. J.

WORKS:  
EDISON, SUSSEX COUNTY, N. J.  
ON HIGH BRIDGE BRANCH, C. & N. OF N. J.  
32 MILES FROM JERSEY CITY, N. J.

ORANGE TELEPHONE, "311 ORANGE."  
EDISON " " "5 B. DOVER."

ORANGE, N. J.,

Jan. 30th, 1901.

Emil Herter, Esq.,

Edison,

N. J.

Dear Sir:-

We are in receipt of a letter from the United States Carbon Company, in which they ask for-"A sketch indicating the conveyors and distributing mechanism over the top of your Mixers. In talking of the Conveyors with Mr. Edison, he mentioned that those with the slide supporters over the chilled rails, give best satisfaction, considerably better than wheel carriers."

Will you kindly make sketch as asked and hand it to the writer.

Yours truly,

*A. D. [Signature]*

# Pennsylvania Railroad Co.

Philadelphia July 5/07

Mr J. A. Edison

Dr Sir:-

The Court today appointed six Surrogates of the highways and fixed July 30<sup>th</sup> for them to view the road & vacate it - Burrells lawyer was on hand with usual objections to the same I appeared to the Court, but I am satisfied the six men are all right -

I go from here to Bartley to see Rorick again, you are going to get him fixed up the time Sam Smith is through with Hooper tract - so he can go on Rorick place -

On Monday I shall see Salmon and Stephens - 17 State St N.Y. and Mr Ware, in Pine St - Have delays giving me addresses of the heirs so as to delay as long as possible the service of the Notice - but I think I can smooth him down on Monday - Mr Geo & Beale - Jersey City - Atty for Insurance Co will file the answer in Cole case by 19<sup>th</sup> next (N.Y. & Pa case) I am keeping close tab on it -

Respy Yours Alexander Elmslie

Mally what is Cole case

[FROM WALTER S. MALLORY]

W. S. MALLORY,  
PRESIDENT,  
W. S. MALLORY  
VICE-PRESIDENT,  
W. S. MALLORY,  
TREASURER,  
THOMAS L. CHASE,  
SECRETARY,  
THOMAS A. EDISON,  
GENERAL MANAGER.

## The Edison Portland Cement Co.

GENERAL OFFICE:

GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J., Oct. 18, 01.

Dear Mr. Palling:

As I telephoned you this morning Mr. Edison goes to Steverville tonight and tomorrow he and Mr. Darling will visit the plant of the Lehigh Cement Co. to inspect their barreling and bagging machines; he however expects to be here all of next week, and I would suggest that you notify me the day you will come so I may tell him.

I reported to him this morning the results of the meeting yesterday, and told him among other things, of some of the criticisms made as to the various estimates, he then informed me "that I was responsible for the mistakes in the estimates" I told him "that he knew that I had had absolutely nothing to do with them, that every estimate had been prepared by Mr. Simpkin and approved by himself and that I was in no way responsible for them and that besides I did not have the technical knowledge so I could make them" he then said "if I did not have it I should have gotten it" I told him "that was his department and not mine" and after further violent discussion on this point he left the room.

I am sorry to bother you with all this, my reason for so doing is to put myself on record, that from the time the cement work first started nothing has ever been said to me or in anyway indicated, until the past few days, that I had anything to do with the designing and planning of the work, and unless I had done this it would be impossible for me to make out an estimate.

Every week a statement has been given to Mr. Edison

OFFICE OF  
THE EDISON PORTLAND CEMENT CO.,  
EDISON LABORATORY,  
ORANGE, N. J.

Copy letter to Palling about  
Estimates (3) Oct 18 - 1901

WM. H. SHELMERDINE,  
PRESIDENT.  
W. B. MALLORY  
VICE-PRESIDENT.  
W. B. FOLING,  
TREASURER.  
THOMAS L. CHASE,  
SECRETARY.  
THOMAS A. EDSON,  
GENL. MANAGER.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
GRAND BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, " 311 ORANGE."

6-23-1905.-5 M.

### Edison Laboratory, Orange, N. J.,

(2)

showing the full commitments to that date, and his attention has often been called to the increasing amount, a record has not been kept up of the actual costs of the various items as against the estimate, I now realize that this should have been done, and am arranging to have it done until the construction work is finished.

I write this as I want both Mr. Shelmerdine and yourself to know my position in the matter.

Yours very truly.

W. PRESTON HIN.  
INVESTMENT BROKER,  
45 BROADWAY.

TELEPHONE 5777 BROAD.

NEW YORK, October 28th, 1901

Thomas A. Edison, Esq.,  
Orange, N. J.

My dear Edison:-

The enclosed slip was sent me by Batcheller. What do they mean by saying the cement will be made by electricity?

I have a letter from a friend of mine, - a broker, - this morning from San Francisco, in which he states he has given a letter of introduction to me to a Mr. Thomas B. Pheby, who owns some valuable cement land in California. He does not say anything about the location, although in my letter to him I told him what we wanted. As soon as I see Mr. Pheby, and get the facts, in the matter, I will notify you.

Your letter about the Asbestos deal at hand. As it turns out, the party who brought me the deal did not have the options, and he therefore could not deliver the goods, although I had a syndicate formed of good people, to take it up, so therefore the matter is off.

Yours very truly,

[ENCLOSURE]

CHAS. BATCHELOR.

~~11 Broadway~~  
672 Broadway

New York,

Eng. & Mining Journal  
Oct 19 1900  
Canadian Supplement  
(enclosed in the Regular Journal)

The Pacific Coast Portland Cement Company's proposed plant, to be erected at Vancouver, B. C., will be operated entirely by electricity. At first, it was intended to have a capacity of 500,000 lbs. of cement per annum, but since the plant is the only one about to be engaged in the manufacture of portland cement on the Pacific Coast, the promoters are said to be negotiating with a well-known export house, which, it is understood, is willing to guarantee to take yearly 100,000 bbls. of cement for the China and other Far Eastern trades, and the factory may be largely extended. The electrical portion of the contract will mean an expenditure of about \$20,000, while the whole plant was formerly expected to cost some \$400,000. Should the suggestion of a larger plant be carried out, these figures will have to be increased. In addition to the electrical machinery all the other equipments to be installed in the Vancouver plant will be purchased in the United States. J. Keith Fisher, of New York, who is largely interested in the enterprise, is in Europe perfecting some General details relating to the project. The company has offices in New York City.

HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. BLAUH,  
TREASURER.

MAURIN H. DAY,  
MANAGER.

## THE THOMPSON & NORRIS COMPANY.

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AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

SOLE ADDRESS:  
"CORTLEA, BROOKLYN."

BROOKLYN, N.Y. Nov. 15, 1901

W.S. Mallor, Esq.,  
Edison Laboratories,  
Orange, N.J.

Dear Mr. Mallory:

If you have not seen Mr. Shalmerdine since last Friday it may be interesting to Mr. Edison and yourself to know that I went out to Mineola with him and Mr. Bectum -- Vice President of the Trolley line in which Mr. S. is interested -- last week and inspected the Court House -- finished and occupied -- and the Jail under construction -- joined to the C.R.R. by a tunnel of "sighs" and that both of these gentlemen were apparently not only astonished but gratified at the possibility for cement which the construction indicated.

We were fortunate in meeting Mr. Edward Roche, the contractor, on the grounds. Mr. Roche when he learned that Mr. Shalmerdine was interested in the Edison Cement Company, could not do too much for us in the way of information. He showed us all through the Court House and Jail, and explained the construction, which was a revelation to me and appeared also to be to Mr. S. and his friend.

Mr. Roche has built not far from the Jail a small structure probably 12 to 15 feet square, half of brick and the other half of cement. This building is designed for a fire test which he intends to make, -- just when he promised to notify us -- at some time within a few weeks. There are iron grates inside this building arranged so that the cement and brick walls will receive an equal and intense heat. When the structure is hot, Mr. Roche says they are to turn water onto it and see how the cement walls will stand as compared with the brick. He expressed a wish that Mr. Edison should see this test, and promised to give us notice so that he could come over, if he cared to do so.

Mr. Roche is an old contractor and I am told is a good man and responsible. He seemed to be enthusiastic as to the future of cement as a building material, and we may find him of use to us later on.

In this connection, it has occurred to me that it might be a good thing for our Company to organize a "Construction Company" for the purpose of furthering the interests of the "Edison brand" for building purposes. We could give much a company composed of our directors and a first class architect or two, and a contractor like Mr. Roche -- a little "inside" on the price of cement, possibly. With Mr. Edison's name back of the Company, it would, I think, receive any amount of free



2.

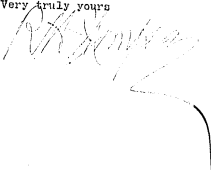
advertising and likely would be a "coiner" from the start.

PAPER BAGS By the enclosed letter you <sup>will</sup> see that I have taken the liberty of inquiring into this subject a little. These people, I am told, are head-quarters and may be able to do us good later on. I have acknowledged the letter, but if you care to write them, I do not think it will do us any injury. When I wrote them, I did not give any names.

Mr. Moses May, Vice President of the Williamsburg Trust Co., and I am told two or three times a millionaire-- has subscribed for 200 shares of the Cement stock. He subscribed through the influence of Mr. Reid, who is a director in the Trust Co.

I hope this will find Mr. Edison and yourself in the best of health and spirits.

Very truly yours



Wm. H. Schaeffer,  
PRESIDENT,  
W. B. Mallory,  
VICE-PRESIDENT,  
W. B. Phelan,  
TREASURER,  
THOMAS L. CASE,  
SECRETARY,  
THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
GRAND BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

### Edison Laboratory, Orange, N. J.,

14-190-5 H.

November 19th, 1901.

W. S. Mallory Esq., Vice President,

The Edison Portland Cement Co., Orange, N. J.

Dear Sir:-

On October 16th the Court signed the order vacating the portion of the old Pursel road on which the building stands, and located or established a new road around the building, thus legalizing the new road, and as we supposed, obviating the difficulties with the Pursels, as they have always maintained that they only wanted a road or way around the buildings. This they now have, but during the latter part of October the Pursels Certioraried the road proceedings for the purpose of having them set aside by the Supreme Court, but so far they have not served me with the reasons required by law, upon which they based their Certiorari. They have thirty days from November 8th to do this. I am therefore at a loss to know on what grounds they base their action, as all requirements of the law have been complied with.

The Pursels have also brought suit against us to recover \$753, for use of small stationary engine in 1899 and for portion of wheat crop. I have these matters well in hand, and watching them carefully, and will keep you posted as we proceed.

Yours very truly,

*Alfred Rust Jr.*

HAROLD H. THOMPSON,  
PRESIDENT.

HENRY B. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
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MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, SIOUX FALLS, 1895.

BROOKLYN, N.Y. Nov. 12, 1901.

W.S. Mallory, Esq.,

Edison Laboratories,  
Orange, N.J.

Dear Mr. Mallory:--

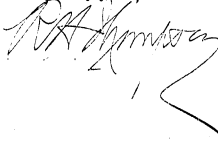
Replying to your kind favor of yesterday, it is not necessary for you to return the letter from the Akron Paper Co. as I have no use for it, independent of the subject treated. If filed in your regular way, it will of course come up if needed.

I am very sorry that I shall not be able to be with you at the meeting next Thursday, but shall be glad to receive any information regarding cost of production, to which I understood you to refer on the telephone last Monday.

My reason for sending you the enclosed clipping is that you may see what sort of a man our new stockholder Mr. Moses May is.

With very kind regards to Mr. Edison and yourself, I remain

Very truly yours,



# UNITED STATES FILE CO.,

A. J. STEPHENS, MANAGER.

## RENEWING STEEL FILES

BY THE PROCESS OF THE

NOTED H. D. VAN DEBROKER OF BREMEN, GERMANY.

SOLE CONTROL OF THE U. S. AND CANADA.

3, 5 & 7 OLIVER STREET,

NEWARK, N. J.

1901

*Mr. H. P. Edison  
Orange, N. J.  
Charles  
Cant  
Mark*

*I call the Liberty of  
calling of our Special attention to a Mark  
Red, situated in Indiana, of 14 1/2 Acres.  
This is a solid Red of nearly round by 2 1/2  
inches of diameter, and has had 50 Roving  
Cables to a depth of 30 feet, and the bottom  
not reached. There is 183,000.000 Cubic feet  
of solid Red, sufficient for the manufacture  
of 20 millions barrels of Portland Cement.  
Tests have been made by well known chemists  
Engineers, & Building Experts, & the result of them  
all is, that this deposit is of the greatest chemical  
purity, as any deposit in the U.S. not excepting*

# UNITED STATES FILE CO.,

A. J. STEPHENS, MANAGER.

## RENEWING STEEL FILES

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NEWARK, N. J.

190

*the famous Cold Water Portland Cement of  
Southern Michigan.  
Messrs Lathrop & Spackman of Philadelphia  
Pa. have made a quantity of Cement from  
this mine, & certify it to be a very high grade  
of Cement, & their Report I have.  
This deposit is, without doubt, equal to any  
in the U.S. for this Cement.  
My object in addressing you is that if my  
statements are correct, & can be proved, you  
would be interested yourself in a purchase,  
or obtain others to do so, at a satisfactory  
price. I have a complete Report, and if  
you desire an interview, advise me as to  
time, & I will call & bring the Report with me.  
Kindly reply to this.  
Yours Truly, A. J. Stephens*

LEONARD H. THOMPSON, INC.  
PRESIDENT

HENRY D. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAPIRO,  
TREASURER

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PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1891  
INTERNATIONAL HYGIENE EXPOSITION, LONDON, 1885  
EXPOSITION UNIVERSELLE, PARIS, 1889  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893  
EXPOSITION BORDEAUX, 1895

BROOKLYN, N.Y. Nov. 27, 1901

W.S. Mallory, Esq., Vice Pres.  
Edison Portland Cement Co.,  
Orange, N.J.

NOV 29 1901

Dear Mr. Mallory:-

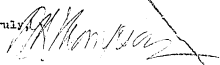
I am greatly obliged to you for your letter of the 25th inst. in which you enclose copies of Mr. Hardenberg's letters of the 1st and 11th inst., and his reports covering the months of June, July, August, September and October as to the cost of crushing, drying, fine crushing and screening the ores of the New Jersey Zinc Co.

Perhaps if I knew more about the business, I would not be so astonished as I am by the figures Mr. Hardenberg gives. I suppose of course that the cost per ton running from 20 cts. to 29 cts., refers to the weight of the raw wet ore as it comes from the quarries, and not to the weight after it has passed through the above mentioned processes, and having no idea as to the shrinkage between the green ore and the finished product, it would be impossible for me to even approximate the cost of cement upon the basis of Mr. Hardenberg's figures.

I will not ask you to give me any detailed figures, but if either Mr. Edison or yourself have even roughly made any new calculations from the basis of Mr. Hardenberg's reports, I would be greatly obliged for them.

I am told that our young man has gone over to see you today, and I thank you now for the information I feel sure he will be able to gain through your kindness.

Yours very truly,



Corrugated Paper  
Cork Paper  
Cellular Board  
Bottle Packing  
Bottle Wrappers  
Express Boxes  
Cellular Cases  
Inflexible Envelopes  
Silk Wrappers  
Book Wrappers  
Mailing Tubes  
Norswich Tread  
spring Carpet Lining

# PORTLAND CEMENT TRUST.

Plans Forming for a Community of-Interests Arrangement.

GRAND RAPIDS, Nov. 18.-Plans are under way for the forming of an association of Portland cement manufacturers, to include in the control all the works in Michigan and in Black West.

The idea, it is said, is not to effect a monopoly immediately, but to have the result of the consolidation of a community of interest arrangements, which will be distributed and controlling will be eliminated as far as possible.

He. Ind.

1901

OK

*Best you might not have seen it*  
Yours truly,  
THE THOMPSON & NORRIS CO.

Telephone  
No. 358 Main.

POSTAL CARD ONE SENT.

UNITED STATES OF AMERICA

THIS SIDE IS FOR THE ADDRESS ONLY.



W. S. Mallory Esq  
The Edison Portland Cement Co.  
Orange N.J.

ROBERT H. THOMPSON,  
PRESIDENT

HENRY D. NOBBER,  
VICE PRESIDENT

EDWARD S. SHARPE,  
TREASURER

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PRINCE & CONCORD STREETS.

HEAD-  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL HYGIENE EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. Dec. 8, 1901

S

W.S. Mallory, V.P.  
Nison Laboratories,  
Orange, N.J.

Dear Mr. Mallory:-

The best attempt I can make to thank you for your letter of yesterday will be but a poor one.

The figures you give are so clear, that while running I could read and comprehend them. I have taken the liberty to show your letter to Mr. Reid and Mr. May, who like myself are more than gratified at the showing, which favourable as it is, is on conservative with its wide margins for contingencies.

Everything I have seen or heard regarding this enterprise has added to the confidence I originally felt in the great success of the undertaking, and nothing has helped that feeling along more than the character of those connected with it, and the frank and painstaking manner in which all questions are met and treated. I do not believe we can fail to succeed.

Our young man stated that you did everything you could for him but that we must look to the distributors for the business, as the nature of the work at Orange is such that we can be of no service to you. We now have considerable business with a great many of the concerns handling the phonographs and supplies. With best wishes, I remain,

Very truly yours,





HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHARP,  
TREASURER.

MAURICE H. DAL,  
MANAGER.

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MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION, UNIVERSITÄT, MUNICH, 1884.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y.

Dear Mr. Dal,

I enclose letter from  
Mr Edward Roche the contractor  
and builder of the Court House  
and Jail at Munnichs Ld.  
re fixtures about which I  
wrote you some time ago.  
This letter is in answer to a  
letter I wrote Mr. a day or two  
ago. and I think is valuable  
as showing what amount will

do if given a fair show.

I thought Mr Edison and yourself  
would be interested in it  
and might like to bring the  
matter up at the next

directors meeting. Our stenographers  
are all so busy that you will have  
to try to make it all out  
without their assistance. I have  
to copy Mr Crocker's letter to you but  
I would like an copy which I did  
not have time to get today.

With kind regards to Mr Edison and  
yourself I remain

Yours truly  
R. H. Simpson

[ENCLOSURE]

EDWARD ROCHE,  
CONTRACTOR,  
FAR ROCKAWAY, L. I.  
FIFTH WARD, BOROUGH OF QUEENS, N. Y.

December 5<sup>th</sup> 1901

R. A. Thompson Esq  
My dear Sir

I regret very much that I am unable to comply with your request. The first test took place Saturday Dec 30 we started at 11:40 AM and continued until 3:40 PM. Making the regulation test of four turns as required for floors by the Dept of Buildings City of New York. In the lighting on fire we put a dead load of gravel weighing 25,000 lbs on a floor whose dimensions from outside to inside including floor covering or resting on walls 10' x 14'. The average compression required was 1,750 lbs per inch at the top of the floor and 1,900 lbs per inch at the bottom of the floor. At the expiration of the four turns we then turned a steam

EDWARD ROCHE,  
CONTRACTOR,  
FAR ROCKAWAY, L. I.  
FIFTH WARD, BOROUGH OF QUEENS, N. Y.

of water on the main 2 1/2" hose from a Steam Fire Engine under sixty pounds pressure. We set a frame work about 20' from the test frame and placed an inclinometer on it and took readings we found after the fire had been burning for one hour that there was a deflection of half inch at the top of the two and one half turns there was one and three tenths inches after the steam cleared so that another reading could be taken it had gone back over half inch. Mr. Cuning the Engineer sent out from the Building Dept advised that we throw off all the load and take readings again Monday morning which was done. We started in yesterday to again load it with over 40,000 lbs

[ENCLOSURE]

EDWARD ROCHE,

CONTRACTOR,

FAR ROCKAWAY, L. I.

FIFTH WARD, BOROUGH OF QUEENS, N. Y.

3

This murex will finish to day when I can  
give you the particulars of later. The  
murex wall that was on the side cracked  
and bulged so that it was not safe to go  
near it while the murex walls are just  
as perfect to day as when you saw them.  
The Building is still standing while it can be  
seen. The readings of the thermometer was  
taken every few minutes during the test  
during the variations. The men and instrument  
being managed by Emir + Amends of 15<sup>th</sup>  
St + then I saw these people as this point of  
test for the Dept of Buildings. I may add  
that the rules of the Dept of Buildings are that a  
temperature of 1,710. Deg F shall be maintained  
for four hours then the stream of water is at  
for five minutes. The Cement mixture  
was at 100 deg F. over

[ENCLOSURE]

Atlas Portland Cement one part  
Clean Shamp Sand, two parts  
Trap Rock <sup>crushed</sup> ~~crushed~~ More parts  
One thing has been previously mentioned  
about Chert properly mixed  
in quantities as above will stand  
any heat that it may have to contend  
against when placed in buildings  
as a whole or parts of them. Another  
copy of the readings as officially  
taken will be ready in a few days when  
I can let you have same if that will be  
of any service to you

Yours very respectfully  
Edwan Roche

WM. H. BULLOCK  
PRESIDENT  
W. B. MALLORY  
VICE-PRES.  
W. B. FILLIS  
TREASURER  
THOMAS I. CRANE  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia Dec, 17/1901

My W. S. Mallory  
My Dear Sir,

Being identified with the subject by the thought,  
is naturally continually occurring to my mind - What are  
the uses cement could be applied to? I have an idea  
that I scarcely think is patentable but, which, need not  
considerable cement, and that is to make an outer case  
of cement to contain a coffee or cocoa, or line of the  
fire - but that is at present, used, the cement case could  
be made in two parts or as to divide the weight, the  
inner half being buried into the ground first and after the  
coffee was deposited therein the upper half could be laid  
over it forming as it were a sarcophagus with the  
coffee in the center - Preservation of the coffee and chafing  
of the means would certainly be attained -

It has also occurred to me that cement would make  
very cheap attractive and desirable flower pots, and if properly  
enameled also a handsome bath tub -

You know that I have no means of representing  
or third ideas, but if you think well enough of my suggestions  
to mention them to Mr. Edison I would gladly have the matter  
in his hands -

Yours Very Truly  
Wm. Edwards

HUGHES H. THOMPSON,  
PRESIDENT

HENRY D. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAW,  
TREASURER

MATTHEW H. DAY,  
SECRETARY

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PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1882.  
EXPOSITION UNIVERSELLE, PARIS, 1889  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION BORDEAUX, 1895.

BROOKLYN, N.Y. Dec. 25, 19 01

S  
W. S. Mallory, Esq.,  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory:

I am sorry to learn from your letter of the 21st that you too have been "out of sorts" but glad that like myself you are again in harness.

I hope it will turn out that you took no risk in attending the meeting on the 20th which I would have been glad, had my doctor allowed me, to have also attended.

I trust you will give my very best wishes to Mr. Edison, for his good health during the coming year, and for even greater success than he hopes for, in all the matters he has in hand.

I am fully mindful that his good health will make you happy, and that you will share in all the good things that come from his wonderful work. What better can I wish you?

Sincerely your friend,

*W. S. Mallory*

T.C. MARTIN.

Editorial Rooms

W.D. WEAVER.

**ELECTRICAL WORLD**  
**AND ENGINEER**  
120 LIBERTY ST. NEW YORK.

W. S. Mallory, Esq.,  
Mison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

I am in receipt of your kind favor of Dec. 23rd with regard to the trip to the Mison cement plant. I am glad to know that there is no objection to my making a brief note of the matter. Of course, I had nothing more in mind than that, as it would be a great pity to spoil the bigger story that will come later on.

I was glad to find Mr. Mison in such good trim, and our Canadian friend remarked to me on leaving that Mr. Mison was at once the oldest and the youngest school-boy he had ever seen.

I trust that you yourself are much better and feeling no ill effect from the trip.

Believe me, with regards and best wishes for the prosperity of all the Mison enterprises under your direction during the coming year,

Very truly yours,

*T. C. Martin*

Dec. 24th, 1901.



COST PER BARREL ON CAPACITY OF 5,000 BARRELS PER DAY.

-----

Labor per day	\$889.13
Material per day	488.00
Coal per day	710.70
General Expense per day	54.00
Depreciation per day (estimated)	<u>250.00</u>
	\$2,391.83

Or 47  $\frac{83}{100}$  cents per barrel, f.o.b. cars exclusive of package.

# RECAPITULATION LABOR FOR 5,000 BARRELS PER DAY.

397 men detailed on 3,000 barrel labor cost	\$777.50
<u>60</u> " " on sheets attached	<u>111.63</u>
457 men for 5,000 barrels	Total pay-roll-- \$889.13

## LABOR COST

Recapitulation one barrel of cement on basis of 5,000 barrel output.

Quarry	.0209 per barrel
Making cement	.0716 " "
Administration	.0096 " "
Packing and Loading	.0211 " "
General	.0132 " "
Repairs	<u>.0414</u> " "
Labor cost per barrel-	.1778 " "

ADDITIONAL LABOR TO INCREASE 5,000 BARRELS PER DAY OVER THAT  
REQUIRED FOR 3,000 BARRELS:

-----  
Quarry

6 extra men at .184	\$11.04
---------------------	---------

Mixing & Weighing

6 men night shift at .207	12.42
---------------------------	-------

Chalk Grinding

2 extra roll men at .154	3.08
--------------------------	------

Kiln Plant- (7 kilns)

4 extra burners	
1 " Oilor at .181	9.05

Clinker Fine Grinding

4 Extra roll men at .186	7.44
--------------------------	------

Repair Department

8 Extra men at .229-	18.32
----------------------	-------

Mill Administration

1 Extra clerk at .242	2.42
-----------------------	------

Mechanical Department

6 extra men at .230	13.80
---------------------	-------

Power Department

2 Extra firemen at .193	3.86
-------------------------	------

Packing and Loading

20 men extra at .151	30.20
----------------------	-------

.60 men extra to produce 5,000 barrels per	\$11.53
--	---------

day over those required for 3,000 barrels.

SUPPLIES AND RENEWALS MATERIAL ONLY WITH CAPACITY OF 5,000 BARRELS  
PER DAY.

	<u>Cost per day.</u>
Dynamite (1500 tons rock) at 2¢ per ton	\$30.00
Drill rod and Mine supplies	15.00
Oil department	20.00
Wear Chutes	12.00
Wear Belts	8.00
Lining for Kilns	35.00
Ropes, Elevators and Scrapers	10.00
Ropes, Fine Grinding rolls-	36.00
Sulphate-	120.00
Small Supplies-	75.00
Scraper Conveyor flights	5.00
Screw Conveyors	7.00
Wear on Plates all rolls-	40.00
General	<u>75.00</u>
Total cost per day---	\$488.00

COAL PER DAY WITH CAPACITY OF 5,000 BARRELS PER DAY.

---

Quarry-	Stemm coal at \$2.90-	\$18.00
Locomotive	" " at \$2.90	12.00
Rock Dryer	" " at "	13.50
Rock Stock House Dryer	stemm coal at 2.90	8.10
Machine Shop	" " " "	8.00
Boiler Room	" " " "	260.48
Kilns based on 70 lbs. coal per barrel,		
Gas slack at \$2.50-		<u>390.62</u>
		\$710.70

GENERAL PER DAY FOR PLANT WITH CAPACITY OF 5,000 BARRELS PER DAY.

-----

Taxes-	\$8.00	
Liability Insurance	8.00	
Fire Insurance	8.00	
Telephone and Telegraph	5.00	
Office Supplies	10.00	
Miscellaneous	<u>15.00</u>	
Cost per day---		\$54.00

DEPRECIATION FOR MATERIAL ONLY ON PLANT WITH CAPACITY OF 5,000  
BARRELS PER DAY.

-----

Depreciation per day on basis of 3,000 barrels      \$191.10

Estimated investment to increase to 5,000

barrels \$367,536. at 5%,

On basis 312 days,

58.90

Cost per day.

---

\$250.00

COST PER BARREL ON CAPACITY OF 10,000 BARRELS PER DAY.

-----

Labor per day-	\$1,304.18
Coal per day-	1,324.09
Material per day-	859.00
General Expense per day-	76.00
Depreciation per day-	<u>376.87</u>
Total cost-	\$3,940.14

Or 39 <sup>40</sup>/<sub>100</sub> cents per barrel f.o.b. Works, exclusive of package.



RECAPITULATION LABOR FOR 10,000 BARRELS PER DAY.

457 men detailed on 5,000 barrel labor cost	\$889.13
<u>224 " " on sheet attached-</u>	<u>415.05</u>
681 men for 10,000 barrels, Total pay-roll--	\$1,304.18

LABOR COST

Recapitulation one barrel of Cement on basis  
10,000 barrel output.

Quarry	.0207 per barrel
Making Cement	.0500 " "
Administration	.0062 " "
Packing and Loading	.0166 " "
General	.0095 " "
Repairs	<u>.0274 " "</u>
Labor cost per barrel--	.1304

ADDITIONAL LABOR TO INCREASE TO 10,000 BARRELS PER DAY OVER THAT  
REQUIRED FOR 5,000 BARRELS.

-----  
Quarry

50 men night shift at .184 average \$92.00

Railroad

6 men night shift at .176 " 10.56

Crusher Plant and Dryer

12 men night shift- at .193 " 23.26

Chalk Grinding

6 extra roll men

6 " Blower men at .154 average 18.48

Kiln Plant

6 Extra burners

6 " Helpers at .181 average 21.72

Clinker Grinding

6 extra roll men

6 " Blower men at .186 22.32

Coal Plant

2 Extra ball and tube men at .186 3.72

Power Plant

6 Extra Firemen

4 " Helpers at .193 19.30

Electrical and Motor Departments

10 Extra men at .198 19.80

Mill Repair Department

10 extra men at .229 22.90

Oil Department

4 Extra men at .193 7.72

Chemical Department

2 Extra men at .202 4.04

\$265.72

	Brought forward	\$265.72
<u>Yard Gang</u>		
12 extra men at .179, average		21.48
<u>Messengers</u>		
2 Extra men at .090	"	1.80
<u>Store-room</u>		
1 Extra man at .203	"	2.03
<u>Hill Administration</u>		
6 Extra Clerks at .242	"	14.52
<u>Mechanical Department</u>		
7 Machinists		
5 Helpers		
2 Iron Workers		
2 Carpenters		
<u>3 Riggers</u>		
19 men at .230, average		43.70
<u>Teams</u>		
2 Extras at .270 average		5.40
<u>Packing &amp; Loading</u>		
40 Extra men at .151 average		60.40
240 men extra to produce 10,000		\$415.05
barrels per day, over 5,000 barrels.		

COAL PER DAY FOR PLANT WITH CAPACITY OF 10,000 BARRELS PER DAY.

---

Quarry	Steam coal \$2.90	\$24.10
Locomotives	" " "	23.20
Rock Dryer	" " "	14.50
Rock Stock House Dryer	Steam coal \$2.90	11.60
Machine Shop	" " "	10.00
Boiler Room	" "	459.44
Kilns based on 70 pounds per barrel		
Gas coal at \$2.50		<u>761.25</u>
		\$1,324.09

SUPPLIERS AND RENEWALS MATERIAL ONLY WITH CAPACITY OF 10,000  
BARRELS PER DAY.

---

Dynamite (3000 tons rock) at 2¢ per ton	\$60.00
Drill rods and Mine supplies	25.00
Oil	40.00
Wear Chutes	24.00
Wear Belts	10.00
Linings for Kilns	75.00
Ropes, Elevators and Scrapers	10.00
Ropes Fine Grinding rolls	90.00
Sulphate	240.00
Small Supplies	100.00
Scraper Flights	8.00
Screw Conveyors	12.00
Wear Plates all rolls	65.00
General	<u>100.00</u>
	\$859.00

GENERAL EXPENSES FOR PLANT WITH CAPACITY OF 10,000 BARRELS PER DAY.

-----

	<u>Cost per day.</u>
Taxes	\$9.00
Liability Insurance	9.00
Fire Insurance	10.00
Telephone and Telegraph	8.00
Office Supplies	15.00
Miscellaneous	<u>25.00</u>
Cost per day---	\$76.00

DEPRECIATION FOR MATERIAL ONLY ON PLANT WITH CAPACITY OF 10,000  
BARRELS PER DAY.

---

Depreciation per day on basis 5,000 barrels      \$250.00

Estimated investment to increase to

10,000 barrels \$791,673. at 5%

on basis of 312 days.

126.87

---

Cost per day----      \$376.87

**Edison Portland Cement Company Records  
Corporate Files - Expense Estimates (1901-1902)**

This folder contains statements relating to expenditures on labor and materials. The documents are written by Walter S. Mallory, Edward A. Darling, and William Simpkin. One item bears Edison marginalia. Some of the statements were probably prepared for the company's board of directors. A few items pertain to equipment and machinery from the New Jersey and Pennsylvania Concentrating Works.

Approximately 30 percent of the documents have been selected.



Apr 1870

# Structural

✓ Chalk Grinding House	45,000	
Polisher House #1	180,000	✓
Chalk Store House	65,000	
Blinker Crusher - "		
✓ Elevator Tower }	101,547	✓
Blinker Grinding House }		
✓ Elevator Tower }	199,000	✓
Roaster House	183,000	✓
Engine House #1	55,099	✓
Polisher House #2		
✓ Elevator Tower	244,000	✓
Current Stock House	156,427	✓
	<u>1184,077</u>	

592 Tons at 75<sup>==</sup>

44,400.00

Coal Grinding + Fine Stone 35,000<sup>lb</sup> ?

Elevator Towers 84 Tons 75<sup>==</sup>  
6300

6300.00

Painting on Corrugated iron 2796 square 250

6990.00 ✓

Best Conveyor Runways

+ Sents 664,000  
Receiving + Mining Down 42,000  
706,000

260 Tons at 60<sup>==</sup> (40<sup>==</sup> 10,400)

15600.00 ✓

Rock Crusher House  
Solenoids for Hoists  
18" Clutch Coupling  
1 - 5 Ton Chain Blocks

(100.00)

150 00 150 00 ✓  
40 00 40 00 ✓

Plates for fuel (5) sets 36" rolls  
39,200 lbs 3 1/4

1274.00

1274 00 1274 00 ✓

Tireable Approach -  
Wooden Benches + foundations  
Crosses, stringers etc  
Rails, bolts etc -

D 1421 00 ✓

D 2023 30 ✓

Electrician - wire rope, carrier sheaves etc  
Lan

~~245 00~~  
~~50 00~~

Dryer House.

Solenoid + Pipes

Electrician

80" Exhauster + connections

Furnace + Stack 20,000 Fire brick 32.00

Bricks 818.00 12,000 Red " 8.00

7 Tons Fire Clay 8.00

~~100 00~~  
~~250 00~~  
660 00 515 00  
102 00  
56 00 1168 00 ✓

Rock Stock House.

Furnace 2300 Fire brick 32.00

Bricks 23075 17,500 Red " 8.00

1 Ton Fire Clay 8.00

Electrician

Exhaust fan + connections (650)

Two movable grippers (200)

74 00  
148 75  
8 00  
350 00  
500 00 ~~1080 75~~

730 75

Weighing House		
100	Sampling device (This is at Receiving Tower)	160 00
750	Scales (2)	500 00 960 00 ✓
Small Rock Stock House		
Chalk Grinding House		
2 Fine grinding Rolls (See sheet 11)		
Engine House # 2		
3 - 2½ Ton Trolley Hooks for Engine Houses -		
Baker House		
Estimating Blower House # 1 within for Material in Blowers, Bin frames, chutes 1000 000 Roller feeds - 10		<u>1100 00</u> 2445 00 -
(3)		

Chalk Store House Screw Conveyor & track etc	230	1000 00 ✓
Clinker Crusher House & Elevator Chutes for 36" Rolls	275	275 00 ✓
Clinker Stock House Exhaust fan & connections		<u>350 00 ✓</u>
Clinker grinding House Elevator 3 Fine grinding Rolls (See sheet 11)		
Screen frames 2340 - 35 1/2 81900 - 3 1/2	2457 00	
Screen 2340 - 24 1/2 1000	565	3042 00 ✓
Roller fed - } 1440 - 35 1/2 50,000 - 1000, 12		
Chutes - } 1440 35	3602	2172 15 2171 83 ✓
Roller frame 1440 35 1/2		

Roaster House			
Air compressor + connections	1000	1200	00
Blower + air pipes front of Roaster		600	00
2 Roasters		3200	00
Stacks	16000	400	00
Coal feeding device		1000	00 35200 00 ✓
Engine House #1			
Blower House #2 with Elevator			
Material in Blowers, Bin frames, chutes, Pulley feeds etc -			2545 00 ✓
Grain Stock House			
Mixer track & conveyor		1650	1650 00 ✓
Roof 2 layers 1" hemlock 40,000 B.M. 30. SWS no rolls paper, nails etc	2000		84000 00 ✓

Power transmission					
8 ft	270 ft	22" Steel			
" "	130 -	15" - "			
10 ft	135 -	30" - "			
8 ft	375 -	24" - "	incl -	less 55%	1549.54
Steam, Water & Oil system					
Injection				150	.. ✓
Castings for Pipe Supports				252	.. ✓
Expansion joints				2675	.. ✓
Steam Wages & packing				600	.. ✓
Steam & Water Pipes & Connections in } Packer House & Power House				1000	.. <del>1677</del>
Heating 5000 "					
Oil System 7000 "				12,000 "	
Windows				2500	00
Doors				500	00 3000 .. ✓

# Belt conveyors

Edison 8570 ft. 24" belt 90 <sup>45</sup> 7713.00  
 3300 " 36 " " 1.30 <sup>45</sup> 4290.00  
 Put in for rest 23,740 - Rubber & fasteners -  
 10.45 per ft. including fasteners.

~~12003.00~~  
 5200.00  
 3375.00  
 2374.00

Edison One Bucket- Convey on front of Overlander  
 79 ft long

One " " " to Clincher Crusher House  
 149-6" long

changed from 210

2000  
 5000

550.00 ✓  
 1250.00 ✓

Steel in delivery chutes  
not specified

Further

~~2000.00~~  
1100

### Scraper conveyors

Two 9" Scraper Conveyors Blower House #1  
142 ft each

Two 9" Scraper Conveyors Blower House #2  
139 ft each

Two 9" Scraper Conveyors Clincher Grinding House  
156-0 each

One 12" Scraper Conveyor Clincher Stock House  
120 ft

One 16" Scraper Conveyor Roaster House  
83 ft

*Private gate*

~~10,250.00~~ ✓

8400.00

Two 12" Screw Conveyors Blower House #2  
132 ft each

One 12" " " - B.H. #2 to Clincher Grinders

One 12" " " 79 ft - Clincher grinder House

One 12" " " 61 ft

Two 6" " " - Roaster Chalk feed  
14-0 each -

~~5020.00~~

3700.00

### 3 Elevators

3500.00



# Masonry

Concrete in Bent foundations  
 Cement stock house & floor,  
 2 Roasters

1860 cube-yards 2 <sup>50</sup>/<sub>100</sub>

4650 00 ✓

~~46500~~ —

Lumber for floors 50,000 ft 25 "

1000 00 ✓

Timber in covers for tunnels,  
 15000 B.M. 2 25 "

375 00 —

1375 00 —

Masonry on Plans sent to Stewartville  
 & not yet completed

→

2424 00 ✓

Ditching

Ⓜ

800 00 ✓

Labor  
Erection of machinery

Machine Shop

Engineers + office force

Orange, Philadelphia

Men extra 1.40 per day

Freight  
Small supplies

For castings not particularly  
specified

1000 .00

# Fine Grinding Rolls

Shafts	14,250	475.00
Castings	98,970 - 2.5	2474.25
Mod. Steel	3235 3	97.05
Brangs	750 - 22	165.00
Brackets	1200 - 22	264.00
Wt. Sam	9400 2.5	232.00
Sheet Steel	900 3	27.00
	<u>123705</u>	<u>3784.30</u>
		250

Patterns

Machine work 3692.20

3692.20  
7726.50

5 machines

38632.50

Est. by Mr. S.

31,217.50

3 - 10700.00

Coal Grinding Machinery 4000.00

4000.00

4.12.10

2,000 Mott & Dymally  
4000 T. L.

7726.13  
23,79.50

# Motors - Maximum Capacity

## Rock Crusher House

✓ 1	G.E. 55 Motor	160 HP	Ship Cap Hoist	x
✓ 1	20 HP	"	Ship dump Hoist	-
1	5 HP	"	5 Ft Feed Roll	-
1	125 K.W.	Generator		x

## Grayer House

✓ 1	25 HP Motor	Head Pulley Conveyor #101	✓
✓ 1	10 "	Exhauster	-
✓ 1	10 "	Furnace Blower	-
✓ 1	10 "	Shaker	-

## Rock Stock House

✓ 1	20 HP Motor	Receiving Tower #102	-
✓ 1	15 "	Head House Receiving #103	-
✓ 1	25 "	" " Mixing #104	-
✓ 1	10 "	Tunnel Elev. #105	-
✓ 1	20 "	" " Mixing #106	25
✓ 1	15 "	Exhaust Fan	✓
✓ 14	5 "	Tunnel Roller feeds.	5

## Weighing House

✓ 1	20 HP Motor	Head Pulley #107	25
✓ 2	5 "	Roller feed main Hopper	5
✓ 2	" "	" " Weighing "	5
✓ 1	5 "	" " Mixing Bin.	5

## Small Rock Stock House

✓ 1	20 HP Motor	Head Pulley #108	✓
✓ 1	5 "	Roller Feed -	5

# Motors

## Blower Ho #1

✓ 1	25 (30) HP	Motor Head Pulley	# 109	50
✓ 2	15 "	" " 9" Scraper	# 113, # 114	✓
✓ 8	5 "	" " Blowers		✓
✓ 1	10 "	" " Head House	# 111	15
✓ 1	10 "	" " Coarse return	# 112	✓

## Chalk grinding House

✓ 1	20 HP	Motor Head Pulley	# 110	35
-----	-------	-------------------	-------	----

## Chalk Store House

✓ 1	15 HP	Motor Head Pulley	# 115	✓
✓ 1	" "	" " 24" Scraper	# 116	✓

## Roaster House

✓ 1	7½ HP	Motor Head Pulley	# 117	15
✓ 1	20 "	" " 16" Scraper	# 118	10
✓ 2	5 "	" " 6" Scraper	# 119, # 120	✓
✓ 1	10 "	" " Head Pulley	# 123	✓
✓ 1	10 "	" " "	# 124	✓
✓ 1	15 "	" " "	# 125	✓

Leave

2	20 "	" "
2	7½ "	" "
2	7½ "	" "
2	5 "	" "
1	10 "	" "

## Roaster drive

Blowers

Coarse gun

Coolers

Compressor for air gun

Motors

Clinker Crusher House

✓	1	20 HP Motor	Head Pulley (Bucket)	# 126	✓
✓	1	25 "	36 Roll Drive		
✓	1	20 "	" "		
✓	1	35 "	Elevator	# 127	20

Clinker Stock House

✓	1	20 HP Motor	12" Scraper	# 128	✓
✓	1	10 "	Roller Feeds		10?
✓	1	10 "	Head Pulley	# 129	✓

Clinker Grinding House

✓	1	10 HP Motor	Head Pulley	# 130	✓
✓	1	60 "	" Elevator	# 131	50
✓	1	7 1/2 "	Head Pulley	# 132	20
✓	2	15 "	9" Scraper Conveyor	# 133, 134	✓
✓	2	5 "	12" Screens	# 135	10x5
✓	1	5 "	Roller feeds -		5

Blower House # 2

✓	1	50 HP Motor	Elevator	# 136	✓
✓	1	10 "	Head Pulley	# 137	15
✓	1	10 "	" "	# 138	15
✓	2	10 "	Scraper Conveyor	# 139-140	15
✓	2	10 "	12 Screens	# 141-142	10
✓	1	5 "	Blowers -		✓

# Motors

Cement-Block House				
✓	1	20 HP motor	Head Pulley	#143
✓	1	25 - "	Travelling Screw	
✓	1	10 - "	Screw in trough	

## Summary

31	5 HP -	155 HP	510 <sup>lbs</sup>	15 810 <sup>lbs</sup>
33	7 1/2 -	248 "	800 -	26 400
18	10 -	180	1150 -	20 700
7	15 -	105	1400	13 300
15	20 -	300	2665	34 975
5	25 -	125	3200	16 000
1	35 -	35	4750	4 750
1	50 -	50	5520	5 520
1	60	60	6930	6 930
1	160 (110)	110	6965	6 965
113		1345 HP		156,380 <sup>lbs</sup>

From  
Catalogue

1 125 K.W. generator (Eng #3) ? 10,000 <sup>lbs</sup> Estimated

Other Generator Power House

at Engine #1 & 2 -

3 - 425 K.W. for Power - ?

for Light. ?

Wiring - Copper, wiring appliances  
Electrical Wk.

10,000.00

Punchings riveted together  
commutator ~~4~~ band loose

R.R. Trussie approach to quarry line D

1915.00 ✓

Coal Transferring Plant  
Coal Grinding & Blowing



Estimate

4/15/1901

Ordinary Portland Cement 60

Elevator Towers 84 Tons 75<sup>00</sup>  
Churns etc -

6300

6300.00

✓ All Conveyor Runways  
+ Bents - Also Receiving  
+ Mixing Towers,

260 Tons at 540 60<sup>00</sup>

1440

10,400.00

+ 5,600.00

Putting on corrugated iron  
2796 square 250

6990

6990.00

allowance has been made for  
what is now up

Edison +	✓ Rock Crusher House Solenoids for Motors <i>to be around 100</i> 18" clutch coupling <del>on chain system</del>	150 40	150 <del>40</del>
	Plates for five (5) sets 36" Rolls 39,200 lbs. $3\frac{3}{4}$ <i>1274</i>	1274	1274 00
	What is this - R.R. Tracks Approach to Quarry line	(D)	+915 00
What is this (D) of the money	(D) Tracks Approach (Rock Crusher House) Wooden bents & foundations. Cross-ties, stringers etc. Rails, plates, bolts etc. } <i>Rather high -</i>	(D)	142 00
		(D)	2023 30
Edison for mine -	Wire rope, carrier sheaves in } <i>Shaver</i> over car - } <i>Edison</i>		<del>342 00</del>
Edison "	Dryer House Blower & Pipes 60" Exhauster & connections Furnace & Stack 20,000 Fire Brick 32" Bricks 12,000 Red 8" 7 Tons Fire clay 8"	100 00 250 00 660 00 102 00 56 00	400 00 250 00 } 818 00
Edison	Rock Stock House Furnace 2300 Fire Brick 32" Bricks 17,500 Red 8" 2300 7" 1 Tons Fire clay 8" Exhaust fan & connections (600) Two movable tripers	74 00 142 75 8 00 350 00 500 00	1060 75 <del>350</del> 730 75

Weighing House				
Sampling device		160	160 00	
Scales (2)		9th hour 750	800 00	960.00
				900
Blower House #1				
Edison -	Material in Blowers, Bin frames,			
Exhaust fan & belt	Chutes & Roller feeds		2445 00	
(Canvas for covering bins not included)				
16 Blms 1605 "				
Chalk Store House				
Screw conveyor, track &c		800 "	<del>1000 00</del> 3445 00	
Clinker Stock House				
Edison -	Exhaust fan & connections			250.00
Longest	ventilating			
Clinker Grinding House				
ministry of Planning Steel works	Screens & frames			
	2160 at 25 1/2 7500 2 1/2	1512 00	2052 00	
	2160 screens 25 1/2 each	540 00		
	(Canvas for covering screen frames not included)			
	Roller feed & chutes	1447.34	2172 15	2171 03
1440 - 25 1/2 1000.00				
" " 25 1/2 560.00				
Roaster House				
Air compressor & connections		1000	1200 00	
Edison	Blower & air pipes, front of Roaster		<del>600 00</del>	
Edison				
only 1 Roaster	2 Roasters		32,000 00	
1 stock, Stacks -		16,200	400 00	
			500 00	17600 00
Coal feeding device 1/2 this only 1 more			1000 00	35200.00
Clinker Crusher House chute		275		275 00
(3)				

Blower House # 2				
Material in Blower, Bin frames,				
Roller gads & chutes etc -				
(Canvas for covering bins not included)				
	16 Bins	1650	00	
Cement Stock House				
Mixed track & conveyor		1650	00	4195 00
Roof, 2 layers 1" Hemlock 40,000 ft B.M. 20" 800				
150 Bels. fuel, malle.		1000	00	1000 00
Power Transmission				
Edison	270 ft - 21" Belt -	9 ply		
	130 - 15" - - -	8 ply		
	135 - 30" - - -	10 ply		
	375 - 24" - - -	8 ply		
		55% from cut		<del>1549 50</del>
Edison Steam, Water & Oil System				
Injectors.			150 00	
Pipe supports		252	252 00	252 00
Expansion joints			267 00	
Edison	Steam traps & piping		600 00	
Edison	Steam & water pipes & connections			
	in Boiler, Power House		1000 00	4677 00
Pumps not ordered for boiler - get it Edison				
Edison	Heating System	5000		<del>5000 00</del>
Edison	Oil System	7000		<del>7000 00</del>
Windows			2500 00	
Doors		3000	500	3000 00
Little High Steel in chutes not specified				
		1100		<del>1100 00</del>
				<del>2000 00</del>

*Residuals last at Edin -*  
*Some*  
*Edin*

Belt for conveyors

8570 ft- 24" 90<sup>45</sup> 7713.00

- 3300 - 36" 1.30<sup>45</sup> 4240.00

23,740 ft- Rubber, fasteners - 10 dis per ft.

5200.00

~~12000.00~~

~~23740.00~~

23740.00

*Edin* One Rubber conveyor front of Roasters

79 ft long

850.00

500.00

One " " to Clinker Crusher House

149 - 6

1250.00

1800.00

~~2500.00~~

Scraper conveyors

Two 9" Blower House #1 - 142 ft each (42)

" " " #2 - 139 " " (42)

" Clinker Grinding Ho. 156 " " (30)

One 12 Clinker Stock Ho. 120 " " (30)

One 16 Roaster House 83 " " (30)

*Investigate*

~~10,250.00~~

8900.00

Screw conveyors

Two 12" Blower House #2 - 132 ft each (42)

One 12 B. H. #2 to Clinker Grinding Ho. 79 ft (30)

" 12 Clinker Grinding House 61 ft (30)

Two 6" Roaster Chute feed

3732.00

~~5020.00~~

~~5020.00~~

3732.00

3 Elevators

3800.00

3800.00

3 - 2 or 2 1/2 Ton Tralleys, Housels  
 for Engine Houses =

Masonry on Plans sent to Stewartsville  
 & not yet completed -

(D)

2434 00

Concrete in Bent foundations, Cement  
 Stock House foundations & floor  
 & Rooster pen -

1860 cub yds - 250

4650 00

4650

Lumber in floors &  
 Tunnel covers

1375 00

1375 -

Ditching

(D)

800

Fine grinding Rolls

Shafts	14,250		475 00
Gashings	98,970	25	2474 25
Mach. Steel	3235	3	97 05
Brass	750	22	165 00
Rollers	1200	22	264 00
Wt Iron	9400	13	282 00
Sheet Steel	400	3	27 00
	128,705		3784 30

Price to high!

Rollers

4034 25  
 12,102 70

Machine work \$3692.00

250

3692 20

7726 50

3 Machines

23179.50

3-

18730.50

23179 50

Coal grinding machinery

4000 00

4000 00

Rolls from Edison

Rebuilding Coal Plant

(6)

12,000 00

# Motors

31	5 HP	155 HP	510 <sup>42</sup>	15810 <sup>42</sup>	
33	7 1/2 "	248 -	800	26400 -	
18	10 "	180 -	1150	20700 -	
7	15 "	105 -	1400	13300 -	list from Catalogue
15	20 "	300 -	2665	39975 -	
5	25 "	125	3200	16000 -	
1	35 "	35	4780	4780 -	
1	50 "	50	8520	8520 -	
1	60 "	60	6930	6930 -	
1	160 "	110	6965	6965 -	
113		1348 HP		156,380	

3 - 425 KW for Power

for Light & General Illum.

Motor by memo 210000.00  
50000.00  
5000.00

Wiring - Copper, Appliances  
Electrical Work

For Illumination was about \$1000  
4000

For Illuminated List of Motors see  
page 10 -

Labour

Erection of Machinery

Machine Shop

Engineers & Office force

Grange & Philadelp. Offices

Misc extra

For 6 months  
Based on past  
six months

110,596 00

think good

Freight

Small supplies

For 6 months

20,000 00

Sundry castings not particularly  
specified

1000 00

Work still to be done at Grange - ordered  
of the Fine Grinding Works.

Roaster

Scraper Conveyor

vc



D

137223.64  
8590  
145816.64

2384 of this is labor

Pres 70<sup>00</sup> 4  
75<sup>00</sup> 4  
4.55<sup>00</sup>

6805  
139511.64  
113718.02

110,596.00

20,000.00

137223.64  
3772.75  
140996.39  
6805.  
134691.39  
113718.02  
248409.41

Motors - Maximum Capacity

Rock Crusher House

- 1 G.E. 55 Motor 160 HP Skip car hoist
- 1 20 H.P. " " Skip dump hoist
- 1 5 HP " " 5 St. Roll -

Dryer House

- 1 25 HP Motor Head Pulley Conveyor #101
- 1 10 " " Exhauster
- 1 10 " " Furnace Blower
- 1 10 " " Shaker

Rock Stock House

- 1 20 HP Motor Receiving Tower #102
- 1 15 " " Head House Receiving #103
- 1 25 " " " Mixing #104
- 1 10 " " Tunnel Mill delivery #105
- 1 20 " " " Mixing #106
- 1 15 " " Exhaust fan
- 14 7½ " " Tunnel Roller feed -

Weighing House

- 1 20 HP Motor Head Pulley #107
- 2 7½ " " Roller feed main Hopper
- 2 " " " " Weighing -
- 1 " " " " Mixing Bin

Small Rock Stock House

- 1 20 HP Motor Head Pulley #108
- 1 7½ " " Roller feed -

Blower House #1

- 1 25 (32) HP Motor Head Pulley #109
- 2 20 " " 9" Scraper #113-#114
- 12 5 " " Blowers
- 1 10 " " Head House #111
- 1 10 " " Coarse return #112

Chalk Grinding House

- 1 20 HP Motor Head Pulley #110

# Motors

## Chalk Store House

1	15 HP Motor Head Pulley	#115
1	" " 24" Screw	#116

## Roaster House

1	7½ HP Motor Head Pulley	#117
1	20 - " 16" Scraper	#118
2	5 - " 6" Screws	#119 #120
1	10 - " Head Pulley	#123
1	10 - " - "	#124
1	15 - " - "	#125
2	20 - " Roaster drive	
2	7½ - " Blowers	
2	7½ - " Coal guns	
2	5 - " Coolers	
1	10 - " Compressor for Coal guns	

## Clinker Crusher House

1	20 HP Motor Head Pulley	#126
1	25 " " 36" Roll drive	
1	20 " " 36 " "	
1	35 " " Elevator	#127

## Clinker Stock House

1	20 HP Motor 12" Scraper	#128
1	7½ " " Roller feeds	
1	10 " " Head Pulley	#129

## Clinker Grinding House

1	10 HP Motor Head Pulley	#130
1	60 - " " Elevator	#131
1	7½ " " " Pulley	#132
2	15 - " " 9" Scraper	#133 #134
2	5 - " " 12" Screw	#135
6	7½ " " Roller feeds -	

# Motors

Blower House # 2			
1	50 HP Motor	Elevator	#136
1	10 "	Head Pulley	#137
1	10 "	"	#138
2	10 "	Scraper Conveyors	#139-140
2	10 "	12" Screws	#141-142
12	5 "	Blowers	

Cement Stock House			
1	20 HP Motor	Head Pulley	#143
1	25 "	Travelling Screw	
1	10 "	Screw in Trough to Bagging Shed	

# Additional material

✓ To bring mill up to a capacity of  
4500 barrels

Chute grinding rolls - 1 set		2600.00
Chute " " " 1 "		2600.00
Blower House #1 - Blowers, bins, Roller feeds etc.		1002.50
Blower House #2 " " "		1002.50
Screen frames, sizers, roller feeds etc in Chute grinding house		1609.00
4 Roasters		6480.00
4 Coal guns		2000.00
Air compressor		4000.00
Extra lengths of scrapers & other conveyors at Roaster house		1040.00
2 Roaster houses 18 ft dia 75' "		14100.00
Excavation		
2 Roaster houses & 4 Roasters 2310 yds 25' "	}	1024.50
Cement stock house 1828 " "		
Excavation		
4 Roasters 1232	}	5555.00
2 " " Houses 140		
Cement stock H2 floor 250	2222 c.yds. 25'	
Cement stock house (1 pile) 78 ft dia. 75' "		5850.00
Mixer, track, conveyor		1250.00
Wood in roof		800.00
Add to coal plant for blowers, fans, roller feeds, bins, conveyors		2500.00
		<u>\$ 111,743.50</u>

4 Motors Rooster drive 20 H.P.	6	1705.60
4 " " Blower	7½	
4 " " Coal gun	7½	1024.00
4 " " Covers	5	326.40

\$ 111743.50

3156 00  
114899 50

*Additional Labor to bring well up to 4500 fth.*

* Add for Mech. Dept. Stewartsville	16,400-
Office & Engineering force	1400-
* Orange office, draftsmen & labor in work to be done at Orange	15,000

32,800 00

<del>Estimated material</del>	<del>272,090.87</del>
<del>Contractment</del>	<del>113,718.02</del>
<del>Subst. Stewartsville</del>	<del>35,901.00</del>
	<del>521,709.89</del>
<del>Subst. Stewartsville</del>	<del>839,965.43</del>
<del>Apr. 1 - 1901 -</del>	<del>1,361,738.32</del>

4/24/1901

Comparison Estimates June 25/1900 & Apr 24/1901

Steel for all Mill buildings & conveyors about the same with the addition for elevators - say \$6300 ==

Windows & Doors - June estimate called for 3750 == which was too low, as we have bought windows for part of the plant, & calculating at the same rate still want value for \$3500 ==

Putting on Corrugated iron - June estimate 7106 == We have put on a lot of this by contract & days later & have now to put on what will cost about \$6990 ==

Lumber for Floors & Tunnel covers is now put at 1375 ==. In June estimate it was \$2375 == I understand a considerable quantity has been bought.

In June estimate Buyer material was 1916.50. It is now 1818 == as everything has been purchased excepting the brick which this amount covers & Exhaustor's Blower which are to come from Edison.

Rock Stock House is put at 630.75 instead of \$6523.50 material of the material having been bought.

Plates for the 26 Rolls are the same in both estimates

Weighing House. We now have 750 == instead of 960 ==

Lumber Grinding House - We now have 2415 == as against 2653.92

Blowers - in the two Blower Houses are now at 3255 == as against 2000 ==

Conveyor Belts. In June this item stood at \$9314.60 - covering Grade Rail Pulley, Idlers etc. It is now \$7574 == covering belting only.

Five Grinding Rolls in June were estimated as 4 at 4000 == each - Our estimate now is 3 - at 18730 ==

Coal Grinding Machinery is the same - but we have put in \$12500<sup>00</sup> for buildings for Coal Plant as against \$2325<sup>00</sup> in former estimate.

Roaster House (Roasters) estimate has been reduced from \$35,200<sup>00</sup> to \$17,700<sup>00</sup> by taking out one Roaster.

At the Rock Washer House we have only the Solenoids to build - say 100<sup>00</sup> as against 4614<sup>00</sup> in previous estimate.

Power transmission - nothing in this estimate - everything has been bought except the driving belts.

Steam System - We now have 4016.55 as against \$9495<sup>00</sup> a difference of \$5478.42 - but as 7479<sup>00</sup> has been taken up by commitments - it raises the cost of this work by \$2000<sup>00</sup>.

Oil & Heating - Omitted - material to come from Edison.

Sketches for Crusher plant 275<sup>00</sup>

Bucket Conveyors we now have 800<sup>00</sup> as against 2100<sup>00</sup>.

Elevators " " 3800 " " "

Scraper Conveyors " " 8902.05 " " 12,250<sup>00</sup>.

Scrap Conveyors are estimated at 3732<sup>00</sup> these were included generally in last estimate.

Under the heading of labor - in our fine estimate we put this at \$2746<sup>00</sup> for 6 months - this was too low.

Reservoir & Water pipe line was not included in our last estimate other than generally, under heading Steam & Water - but the amount named was inadequate.

I have not included in my estimate the Pump at the Sump to return condensed water to Reservoir -

S.



Amount of material to be furnished from Edison  
 + not included in estimate will come to about  
 \$25,000 made up as follows.

Clutch coupling	40.00
Wire Rope & sheaves (Haulage)	345.00
Pulver + Pipes } 1500	400.00
Exhauster - - }	
Exhaust fan Rock Stock House.	500.00
Transmission belts	1550.00
Pipe for Steam + Water in Boiler House, Heating + Oil system, Feed Pump + Injectors for Boilers + Pump at Sump }	8550.00
Conveyor belt-ing.	6000.00
Bucket Conveyors	1000.00
Motors + Generators.	6000.00
Wire etc.	900.00
Shaft-ing, bolts + other supplies	1200.00
	<hr/>
	27,785.00
	Say 25,000.00

.S.

5/17/1901  
W.S.

To bring estimate up to a capacity  
of 4500 barrels -

Chalk grinding rolls - 1 set -	2600 00
Clinker " " "	2600 00
Blower House #1 - Blowers, bins, Roller feeds &c	1002 50
Blower House #2 " "	1002 50
Screen frames, screens, roller feeds &c in Clinker grinding House -	1609 00
+ Roaster	64500 00
+ Coal feeding devices	2000 00
Air compressors -	4000 00
Extra lengths of scraper & other conveyors in Roaster house	1040 00
2 Roaster houses 188 tons 75 <sup>00</sup>	14100 00
Excavation	
2 Roaster Houses & 4 Roasters 2310 yds 25 <sup>00</sup>	1034 50
Cement Stock House 182 ft " "	
Concrete	
4 Roasters - 1232	
2 " Houses 140	
Cement Stock H <sup>2</sup> & floor $\frac{850}{2222} - 2.50$	
	5555 00
Cement Stock House (1. pole) 75 tons - 75 <sup>00</sup>	5850 00
Mixer track & conveyer 1250 "	
Wood on roof 800	2050 00
Add to coal grinding plant	2500 00
	<u>\$11743 50</u>

4 motors - Roaster drive 20 HP	$\left. \begin{array}{l} 16 \text{ cts per hr} \\ 40 \end{array} \right\}$	1705.60
4 " - Blower " 7½ "		1024.00
4 " - Coalgun " 7½ "		326.40
4 " - Coolers " 8 "		

111743 50

315600

114,899 50

Motor for Air Compressor - 4

* Add for Mech. Dept. Stewartsville	\$ 16,400
Office + Eng. force	1400
* Grange Office - draftsmen + labor on work to be done at Grange -	15000
	\$ 32,800

32800 00

Estimate to complete material	272,090.87
Commitments	113,718.02
Labor, Salaries	135,961.00
	521,769.89

Total expenses up to April 1901.

839,168.43

\$ 1,361,738.32

Think both these items should be increased  
as we are to get up the bearings re here - & I  
am convinced the Stewartsville estimate - in  
our last statement is low. S.

ESTIMATE OF OCTOBER 1st, 1901. to COMPLETE COKE PLANT.

<u>Acct. No.</u>		<u>Stanton</u>	<u>Stewartsville and Orange.</u>
1	All Conveyor Runways, Bents ) Receiving and Mixing Towers)	50,000.00	<u>100.00</u>
2	Rock Crusher House-Columbids	100.00	<u>100.00</u>
3	Two Movable Trippers	80.00 -	
4	Sampling Device	150.00 - *	
5	Flower House #1. (16 Idns)	225.00	- 105
6	Chalk Store House	100.00	
7	Clinker Grinding House	800.00	
8	Roaster House (8 Roasters and stacks.)	16,000.00	<u>1823.49</u>
9	Air Compressor	<del>2,000.00</del>	
10	Coal Feeding Device	500.00	
11	Chutes-Clinker Crusher House	<del>100.00</del>	
12	Flower House #2.	<del>100.00</del>	<u>105</u>
13	Current Stock House (Walker track and Conveyor)	1,250.00	- <u>Some 524.00</u>
14	(Wood for roof)	800.00	
15	Pine Covering	764.00	
16	Steel in Chutes-not specified.	<del>2,100.00</del>	<u>900</u>
17	Bucket Conveyors at Roaster	<del>400.00</del>	
18	Scraper Conveyor	3,922.00	<u>49-11</u>
19	Screw Conveyor	3,732.00	<u>1000.00</u>
20	3 Elevators	2,420.00	<u>100.00</u>
21	Tunnel Covers	1,000.00	<u>400</u>
22	3 Pine Grinding Rolls	756.00	
23	Coal Grinding Machinery	9,872.00	<u>3400</u>
24	Buildings-Coal Grinding Plant	4,824.90	
25	Material-Electrical work	11,000.00	
26	Dryer House	165.00	<u>500</u>
27	Rock Crusher House	120.00	

		(2)	
Acct. No.		Simpkin.	Stewartsville and Orange.
28	Completing Present Roaster	\$2,766.60	
29	Conveyors for Bad Clinker at Roaster	400.00	
30	Rubberoid or other Covering, Cement Stock House.	540.00	
31	Belts-Power Transmission	1,549.58	(674 + 864.18)
32	Steam Heating and Oiling System	7,000.00	
33	Dynamos	10,000.00	
34	Extension-Cement Stock House	4,400.00	
35	Aerating Pipes & Blower, Cement Stock House	1,150.00	
36	2 Barging Houses	950.00	(420.00)
37	Extension Power House	200.00	
38	Laboratory at Mill	1,500.00	
39	Lumber-Floors and Stairs	4,000.00	Roller Power Hammermill
	Total Estimate Mr. Simpkin-	\$102,431.86	
		<u>Stewartsville and Orange.</u>	
40	Laboratory Bills 4 Mo. estimated	\$14,400.00	
41	Orange Pay-roll 4 " "	5,932.60	
42	Freight-Stewartsville and Orange	5,747.12	
43	Salaries-Phila., Orange and Stewartsville	7,763.52	
44	Petty Cash-Orange and Stewartsville	2,600.56	
45	Small Supplies Estimated	7,000.00	
46	Stewartsville( Outside work to Feb.15th	14,393.00	
47	(Mechanical Dept. " "	36,000.00	
48	Office & Engineering Force to Feb.15th.	5,543.55	
49	Ticket Account	1,500.00	
50	Teams	800.00	
	Total Estimate Stewartsville and Orange-	\$99,800.25	
	Grand Total	\$202,331.91.	

ESTIMATE OF OCTOBER 1st, 1901. to COMPLETE CURRENT PLANT.

Acct. No.			Simpkin	Stewartsville and Orange.
1	1	All Conveyor Runways, Rents )		
		Receiving and Mixing Towers)	\$3,550.00	
	2	Rock Crusher House-Solenoids	100.00	
	3	Two Movable Trippers	80.00	
	4	Sampling Device	150.00	
2	5	Blower House #1. (16 Pins)	225.00	
	6	Chalk Store House	800.00	
	7	Clinker Grinding House	590.00	
	8	<del>Roaster House</del> (Roaster & stack.)	16,200.00	
	9	Air Compressor	1,000.00	
3	10	Coal Feeding Device	500.00	
	11	Chutes-Clinker Crusher House	275.00	
	12	Blower House #2.	225.00	
	13	Cement Stock House (Mixer track and Conveyor)	1,250.00	
	14	( Wood for roof	800.00	
4	15	Pipe Covering	764.58	
	16	Steel in Chutes-not specified.	1,100.00	
	17	Bucket Conveyors at Roaster	400.00	
	18	Scraper Conveyor	5,921.00	
	19	Screw Conveyor	3,732.00	
5	20	3 Elevators	2,425.00	
	21	Tunnel Covers	1,000.00	
	22	3 Pine Grinding Rolls	786.00	
	23	Coal Grinding Machinery	9,872.00	
	24	Buildings-Coal Grinding Plant	4,824.90	
6	25	Material-Electrical work	11,000.00	
	26	Dryer House	185.00	
	27	Rock Crusher House	120.00	

Acct. No.		(2)	Simpkin.	Stewartsville and Orange.
<u>SHEET</u>				
<u>No.</u>				
6	28	Completing Present Roaster	\$2,766.50	
	29	Conveyors for Rad Clinker at Roaster	400.00	
	30	Rubberoid or other Covering, Cement Stock House.	540.00	
	31	Helts-Power Transmission	1,549.58	
7	32	Steam Heating and Oiling System	7,000.00	
	33	Dynamos	10,000.00	
	34	Extension-Cement Stock House	4,400.00	
	35	Aerating Pipes & Blower, Cement Stock House	1,180.00	
	36	2 Bagging Houses	950.00	
	37	Extension Power House	200.00	
	38	Laboratory at Mill	1,500.00	
	39	Lumber-Floors and Stairs	4,000.00	
8		Total Estimate Mr. Simpkin-	\$102,431.56	
		<u>Stewartsville and Orange.</u>		
	40	Laboratory Mills 4 Mo. estimated	\$14,400.00	
	41	Orange Pay-roll 4 " "	5,932.60	
	42	Freight-Stewartsville and Orange	3,747.12	
9	43	Salaries-Phila., Orange and Stewartsville	7,783.52	
	44	Petty Cash-Orange and Stewartsville	2,600.56	
	45	Small Supplies Estimated	7,000.00	
	46	Stewartsville( Outside work to Feb.15th	14,393.00	
	47	(Mechanical Dept. " "	36,000.00	
10	48	Office & Engineering Force to Feb.15th.	5,543.55	
	49	Ticket Account	1,500.00	
	50	Teams	800.00	
		Total Estimate Stewartsville and Orange-	\$99,900.35	
		Grand Total	\$202,331.91.	
11	51	<i>Dwainies</i>		
	52	<i>Masonry</i>		
	53	<i>Mill Buildings</i>		
	54	<i>Mill Machinery</i>		
	55	<i>Steam Plant</i>		

SHEET  
No.

56	Piping (Pipe-Fittings-Valves, etc.)
57	Electrical Plant (Wiring, Lamps, etc.)
12 { 58	Equipment & Maintenance
59	Yards & Railways
60	Shipping Dept. (Crating, Packing, etc.)
61	Mill Administration
13 { 62	Office Supplies & Bills
63	Stable " Charge
64	Real Estate
65	Patterns
66	



Copy

Statement

Material & Labor

Expended

vs.

Estimate 4/1/01

also

New Estimate 10/1/01

E. F. Co.



To October 1st, 1901.

Expenses.

Office, Revenue Stamps, Charter,	
Insurance, etc.	\$58,416.33
Real Estate, Yards and Railways	213,866.51
Quarries	<u>75,677.66</u>
	\$348,960.50

Experiments and Plans	\$65,852.79
Model Bldg., Reester, Station, Coal	
Grinding	54,848.75
Machinery, Buildings, Steamy, etc.	620,106.07
Big-roll not distributed	<u>500.</u>
	\$760,308.61

Total Expenditures to October 1st, 1901.	\$1,109,269.11
--	----------------

Estimate material needed to complete	\$102,432.56
Commitments to October 1st, 1901.	134,060.00
Labor, Salaries, Freight, etc.	<u>102,325.33</u>
	\$238,817.89
	\$1,348,087.00

ESTIMATE OF MATERIAL TO BE ORDERED.      October 14, 1901.  
 \*\*\*\*\*

ROCK CRUSHING HOUSE.

Solenoids	2100.
Idlers for hoisting rope (30)	120. x
Hoisting rope ?	

DRYER HOUSE.

40" Blower for Furnace	100. x
Change chute at bottom of Dryer	25. x
Change in Deauster drive (To be made direct.)	60. x
Spill Chute	

ROCK STOCK HOUSE.

Chutes at end of Conveyors, Deauster	
Fan and connections.	
Movable tripers (sprockets and chains)	80.
Sampling device	140.

BLOWER HOUSES 1 and 2.

Chutes at end of Conveyors	
Chutes from dumps.	
Shafts for Roller Feeds and	
Blowers- Shafts	480.
For 8 dumps.	

CHALK GRINDING HOUSE.

Chutes under rolls.

CHALK STOCK HOUSE.

Screw Conveyor and track	600.	
Carried forward-----		\$1,865.00

--)--

x Not in Est. of 6/5/12

Brought forward

\$1,000.00

ROASTER HOUSE.

1 Complete Roaster	\$16,800.
Air Compressor	1,000.
Coal Feeding device	800.
Castings and other material to complete old Roaster	1,436.50 x
Asbestos	375. x
Fire brick lining (36,000) 833.00	1,156. x
2 Incl Clinker, Conveyors	400. x
3 Elevators	4,425.

CLINKER STOCK HOUSE.

Chute at end of belt conveyor

CLINKER GRINDING HOUSE.

Screams	\$300.00
Chutes, etc.	<u>230.00</u>
	530.

CEMENT STOCK HOUSE. ( 1 section.)

Travelling Screw	1,250.
Wood on roof	600.
216 squares at \$2.50 covering	540. x
Chute at head pulley.	

CLINKER CRUSHER HOUSE.

Chutes	<u>275.</u>
	\$26,746.50

---2-- Carried forward--- \$26,631.50

Brought forward \$25,631.60

All Conveyor Runways, bents &c.

(Cement plant) \$3,650.

Scraper Conveyors} 5,921.

Screw " } Cement Plant 3,732.

FINE GRINDING TOOLS. 286.

Air cylinders &

Wire rope 500.

Chutes, various places. 1,100.

Steam pipe covering. 764.58

Bucket Conveyors in front

of Roaster and to Clinker

Crusher Rolls. 400.

Tunnel Covers 1,000.

Power Transmission " (Rolls) 1,549.58 x

Steam traps }

Steam Heating }

Oiling System. }

7,000. x

\$26,178.16

Carried forward----- \$64,534.66

Brought forward.	\$54,534.66
Material for Electrical work	\$11,000.
Dynamos	10,000. x
Extension of Cement Stock House	
Steel in Conveyor 12,000. (2-1/4)	270. x
Material in foundations and	
Floor	1,540. x
One Travelling Screw	1,250. x
Wood on Roof	800. x
216 Square covering @2.50.	540. x
CEMENT STOCK HOUSE (2 Sections)	
Aerating pipes and Blower	1,150. x
Two Bagging Houses-Steel 40,000	
pounds, 2-1/4	900. x
Material in foundations and floor	50. x
Extension of Power House.	200. x

---

\$27,700.

Carried forward-- \$82,234.66

Brought forward-

\$82,234.66

COAL PLANT.

Fine Coal House, steel in conveyors etc. 214,440- 2-1/4	24,624.90
1250 feet. 24" belt 31.00	1,550.
Idlers	360.
Head and Tail Pulleys	1,750.
Screw Conveyors, bearings, gears, cases, etc.	1,842.
2 Elevators-complete	600.
9" Scraper	1,680.
Bins, Blowers & Roller feed	1,670.
Rolls for Grinding Coal. (Mainon)	
Coal Dryer	400.
Lumber for Floors and Stairs.	4,000. x
Laboratory at Mill	1,500. x
	20,126.90
	<u>2102,431.56</u>



LABOR, MATERIALS, FREIGHT, ETC.

Laboratory bills, 4 months estimated	\$14,400.00
Orange Pay-roll 4 " "	5,932.60
Freight- Stewartsville and Orange	3,747.12
Salaries- Wila., Orange and Stewartsville	7,763.32
Wage Cash, Orange and Stewartsville	2,600.86
Small Supplies	7,000.00
Outside Work Stewartsville to Febr. 15th.	14,393.00
Mechanical Dept. " " " "	35,000.00
Office and Engineering Force to " "	6,540.13
Ticket Account	1,500.00
Taxes	400.00
Piping at Stewartsville	<u>3,000.</u>
	\$102,900.35

Commitments to Oct. 15th, 1901.	\$104,745.75
Balance Phoenix contract	<u>29,315.10</u>
	\$134,060.90

TO BE DECIDED UPON.

Inter-rad Bearings Screw Conveyors

Dynamos

Electric Wiring for Power and light.

Oiling System

Heating System.

Estimate of material to be ordered.

(1)

Oct 15 '01

Rock Crusher House					
Solenoids			100		
Sellers for hoisting rope (30)			<del>120</del>		
Hoisting rope?					
Dryer House					
60" Blower for furnace			100		
Change chute at bottom of					
Dryer.			25		
Change in exhauster drive.					
(To be made direct)			60		
+ Spall chute					
Rock Stock House					
+ Chutes at end of Conveyors					
Exhaust fan and connections			80		
Movable trippers (Sprocket & Chain)					
150" Sampling device			150		
Blower Houses 1 & 2					
+ Chutes at end of conveyors					
from dumps					
Shafts for roller feeds and					
blowers - shafts for			450		
Dumps.					
Chalk Bundling House.					
+ Chutes under rolls.					
Chalk Store House					
Screw Conveyors and tracks.			800	1885	00
Carried forward.				1885	00

Oct 15 '01

R

Req 438. 726.00

Brought forward

1885 00

Roaster House

1 Complete Roaster

16200.00

(1823.49)<sup>24.02</sup>

Air Compressor

1000.00

Coal feeding device

500.00\*

Req 437. 726.00

Castings and other material  
to Complete old Roaster

1235.50

(444.96)<sup>24.02</sup>

Asbestos

375.00

Fire brick lining (35000) 33.20

1155.00

2 Bad Clinker Conveyors

400.00

3 Elevators

2425.00

Clinker Stock House  
+ Chute at end of belt conveyor

Clinker Grinding House.

Screens 360.00

Chutes &amp;c 230.00

590.00

Scrub 241.20

Cement stock House (1 section).

Traveling screen

1250.00

Wood on Roof

800.00

216 squares at 2.20, covering

540.00

+ Chute at head pulley.

Carried forward

26471.50

27356.50

(3)

Oct 15 '01

	Brought forward					2835650
	All conveyor runways, belts etc (Cement plant).	3650.00				
86312	Scraper conveyors } Cement plant	5921.00				
Stations 614 22	Screw " }	3732.00				
	Time Grinding Rolls	286.00				
	air cylinders } ?	500.00				
	wire rope }					
	+ Chutes various places	1100.00				
	Steam pipe covering	764.58				
	Bucket conveyors in front of Roasters & to Clunker Crusher Rolls.	400.00				
	Tunnel covers	1000.00				
	Power transmission ? (Belts)	1549.58				
	Steam traps					
	Steam Heating } ?	<del>12000.00</del>				
	Oiling system }	7000.00				
						2590316
	Carried forward					5425766

Oct 15. 01.

Brought forward		54259 66
Material for Electrical work	1100 00	110000 00
Dynamos	1000 00	100000 00
Extension of Cement Stock House		
Steel in conveyor 12000 2 1/4	2700 00	
Material in foundations & floor	1540 00	
1 Travelling screw	1250 00	
Wood on Roof.	800 00	
2 1/6 squares covering 250	5400 00	4400 00
Cement Stock House (2 sections)		
Aerating pipes & blower.	1150 00	
2 Bagging Houses - Steel 4000 lbs 2 1/4	900 00	
Material in foundations & floor	50 00	2100 00
Extension of Power House	2000 00	2000 00
Carried forward		81959 66

(5)

Oct 15 '01

Brought forward

81959 66

Coal plant

Tine Coal House steel in  
Conveyors &c 214,440 - 24

4824 90

4824 90

1550 ft 24" belt 122

1550 00

Idlers

380 00

Head &amp; Tail Pulleys

1750 00

Sums  
1817.52Screw Conveyors, bearings,  
gears, cases &c

1842 00

2 Elevators

600 00

9" Scraper

1680 00

Bms, Bolters, &amp;c

1670 00

Edison Rolls for Grinding Coal

Sum  
8427.54

Coal Dryer

4000 00

9872 00

Lumber for Floors &amp;c

4000 00

Lab at Mill

1500 00

5500 00

\$102156 56

# Recapitulation

Office, Revenue Stamps, Charter }  
Insurance  
Real Estate, R'way, Yards  
Quarries

59,416.33

21,386.51

75,477.86

348,962.70

Experiments & Plans

85252.96

Model Bldg. Rooster, Patterns

Coal grinding

54,648.78

Machinery, Bldg, masonry

620,196.87

Pay roll not distributed

50.0

760,598.61

Total expenses to Oct-1-01

1,109,561.31

Material to complete

102,431.56

Commitments

134,060.90

Labor, Salaries &c -

99,900.35

336,392.81

\$ 1,445,954.12

85252.96

54,648.78

139,901.74



# ACCOUNTS SUGGESTED.

✓ Delivery on Railroad	1.
to include general items - such as	
cars stock - are frozen in cars, between quarry and crusher plant,	
or off track - etc., etc.	
✓ Fueling for rock	7.
✓ " " " <i>Speed - C. P. Eng #1</i>	13.
✓ Car hoist and ship dmp.	55.
✓ Giant Rolls -	19.
to include roller feed, rolls, frictions,	
driving belt, etc.	25.
✓ 1st - 36" Rolls.	
Includes roller feed - rolls -	
driving belt, etc.	31.
✓ 2d - 36" Rolls.	
Includes rolls - belt etc.	37.
✓ 3d - 36" Rolls.	
Includes rolls - belt etc.	43.
✓ Oil system crusher plant.	49.
Includes all trouble with oil in crusher plant.	
✓ Hoopers Crusher Plant.	
Includes all hoopers - in Crusher plant.	
✓ Conveyers. <i>Sampler 25 hours 6/11</i>	
Each conveyor to have a	
separate account - the ledger	
holding to give location of	
conveyor and description of it.	
For instance:	
Conveyor 101 - Crusher to Dwyer - 24"-8 PI+ belt.	
179 - Elevator Coal Blower.	
184 - Coal Blower House to Transfer	
145 - Delivery from Giant Stock Pile on 32" conveyor	
Plus delivery chute to be about 75' each conveyor.	

Sheet No. 2.

Accounts Stated - Continued.

*Conveyor ~~conveyer~~*

Motor, Gear and driving mechanism trouble  
to be charged to conveyor which it drives -  
trippers to be charged to conveyor on which it works.

✓ Engine Room #1. 61

Includes engines & condensers  
pump and Jack shaft. etc

✓ Dynamis 67

Includes all generators on plant.

✓ Steam Pipes. 73-

Includes all steam lines, traps etc., on plant.

✓ Water System. 79

Includes all water pipes & water pump,  
reservoir, pump at dock, etc., etc.

✓ Draper. L.P. 85

Includes - exhaust fan, water drive,  
blower, furnaces, blower, etc., etc.

✓ Stalls. 91

Includes loss of time in shipping.

✓ Feed Rolls under Rock Stack House. 97

~~It is in the same way as only one ledger account kept.~~

✓ Weighing House. 103

Includes scales - hoppers, roller feed, etc.

✓ Dices. 109

Feed roll under - shoveling, etc.

✓ Chalk Grinding - Rolls - *and motor* 115

Rolls, roller feed, air compressor, belts,

lighter - gates over and under.

✓ Engine #2. 121

Includes, condensers, pump, Jack shaft, etc., etc.

*Waiting for speed Chalk Plant Eng # 2* 619

*" " Chalk Plant Grinding Eng # 3* 623

Sheet No. 3.

Accounts Suggested - Continued.

✓ Electrical Trouble,	127
Includes all items not chargeable direct to particular engine, or machine, etc.	133
✓ Blower House #1, #1 to 16	
Only one ledger account for blowers, each to have a separate number and number to be posted with item for instance : "No Blocked 19 minutes". Trouble to the driving mechanism and shots to and from each blower to be charged to the blower to which they are attached.	139
✓ Corow India Blower House #1.	
✓ Oiling System Blower House #1. Chalk Plant ✓	145
✓ Films,	X1 - 151 #2 - 157
One led er account for each film - film account to include chalk feed appliances, roller, driving mechanism, oiling, etc. <i>generally done Chalk feed</i>	
✓ 1st 36" Rolls Clinker <del>crusher</del> <i>crushing</i>	163
Includes rolls, chutes, driving mechanism, etc.	
✓ 2d 36" Rolls,	169
Includes same as above.	
✓ Clinker Stock House.	175
Includes overhead run, traveling, etc.	
✓ Coal Crushing Rolls.	181
Includes same as on other crushing rolls.	
✓ Blowers Coal Plant, #1 to 10	187
One ledger account for all blowers each to have number, same as blowers in #1 house.	<i>none 10/23/63</i>
✓ Coal Dryer,	193
Includes all mechanism connected with it.	

*Rock stock House  
change Rock etc*

674

Sheet No. 4.

Accounts Suggested - Continued.

- ✓ Oil Switch Coal Plant. 199
- ✓ Oxygen Mechanism. 205
- ✓ Clinker Grinding Rolls #1. 251 ~~254~~
- ✓ Clinker Grinding Rolls #2. 211 ~~251~~
- Each a ~~separate~~ ledger account, to include rolls, roller feed, air compressor <sup>motor</sup> ~~(?)~~, one compressor drive, tightener belt, chutes over and under, etc.   
 two rolls - drive line of time between the two roll accounts 217
- ✓ Roller feeds over screens, Includes screens One ledger account. 223
- ✓ Blower House #2, A 50 C 96 - Same as Blower House #1. 229
- ✓ Oil System Clinker grinding Plant 233
- ✓ Machine #3, Includes same as #1. 239
- ✓ Pulverizer in Yard, Includes all delays, except those in truck to and from Quarry to Crusher Plant. 245
- ✓ Roller Room, Includes all delays in connection with roller, such as steam pressure down, no coal, etc., etc.

In addition to these accounts there will be some come up from time to time, we want, however, to have as few accounts as possible.

*air compressors & connecting lines*  
*oil system, blower, crusher*

Wanted for Foundry Equipment  
Capacity 5 tons per hr. 20 tons per day max

1	H. Colliam Cupola 4 to 5 tons per hr -	6000.00
1	"G Sturtivant Blower	900.00
1	10 HP Engine	2000.00
1	15 HP Boiler	1000.00
1	10 ton Crane. Wood #100	6000.00
1	5000* Ladle.	75.00
2	3000* Ladles.	1000.00
2	1000* Ladles.	75.00
2	500* Ladles.	500.00
2	200* Ladles.	300.00
3, 1/2	Hand Ladles	100.00
1	Large Core Oven, Cast. Furnace balls -	3000.00
1	Small Core Oven Skilts etc. balls -	2000.00
	Assortment of Flasks - Balls	5000.00
	Assortment of Core Arbors - Balls	1500.00
2	1 doz Sand Shovels -	100.00
2	1 doz Riddles -	45.00
2	1 doz Rammers -	60.00
1	1 doz Casting Buckets -	50.00
50	Tons Sand.	1750.00
5	20 Tons Facing Sand.	1000.00
2	10 Tons Fine Clay -	3000.00
Harst 20	20 Tons Core Sand.	600.00
2	100 lbs Facing - Charcoal	80.00
1	100 lbs Black Lead Facing -	100.00
1/2	100 lbs Molasses -	75.00
5	100 lbs Flour	150.00
2	100 lbs Grouma Facing Sea Coal	350.00
		3460.50

	Brot Found		3160.50
	Building	\$600	2000.00
	Shaping & Foundations	\$25	1000.00
20	Tons Coal		85.00
20	Tons Coke		80.00
50	Tons Pig Iron	@ 20	000.00
50	Tons Pig Iron	@ 15	750.00
100	Tons Scrap	@ 10	1000.00
	Nails Saggers etc		200.00
	Sundries		500.00
			\$8245.50

Say \$10000 for Foundry ready to turn out  
castings, with stock for 150 tons castings



W. H. HALLAM, JR.,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRESIDENT.

W. S. PILLARD,  
TREASURER.

THOMAS A. CHASE,  
SECRETARY.

WILLIAM A. EDISON,  
CHIEF ENGINEER.

GENERAL OFFICE: GIBBARD BUILDING, PHILADELPHIA, PA.  
GRANITE OFFICE: EDISON LABORATORY, ORANGE, N. J.

Form 5 10/1913.

# THE EDISON PORTLAND CEMENT CO.

TELEPHONE:  
431 EASTON, PA.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. March 18, 1902.

In re Completion of Plant.

Mr. W. S. Mallory, V. P.,  
Orange, N. J.

Dear Sir:-

We beg to hand you herewith a report of the cost of the work necessary to complete the Plant.

This report includes work on all drawings received up to and including March 17th. It also includes supplies and fuel ordered from here, but does not include material to be ordered from your office for work which you still have in hand, such as castings, structural iron, etc. It also includes freight, petty cash and ticket account, ~~but does not include salaries of the Stewartsville offices as per your letter of March 14th, 1902.~~

Quarries Acct. #1. (Steam shovel, quarry tools and equipment, repairs to same, coal, grading, cleaning of quarry, changing pumping arrangement) \$367.50

Grading Acct. #2. (Leveling, drainage, excavations for buildings, conveyors, etc.) 1392.50

Masonry Acct. #3. (Foundations, floors, tunnels, stacks, furnaces, repairs to tools and grouting conveyors, etc., culverts and side walls of buildings) 4447 9078.00

Mill buildings Acct. #4. (Including making and erecting unfinished buildings, conveyor frame work, screens except plates, painting, corrugated iron work, floors, walks etc.) 18556.65

Forwarded \$29994.65

25163.65



Mr. W. S. M. - 2.

Brought Forward

2516265  
\$250000000

Mill Machinery Acct. #6. (Including the making and erecting of unfinished blowers, chutes, hoppers, feed rolls, conveying machinery and belting, bins, gear cases, clothing bins and screen frames, shafting and setting and lining motors, rollers, etc.) 19635.70

Steam Plant Acct. #8. (Boilers, hoisting engines, pumps, etc., firing of Climax boilers and coal for same) 1600.00

Piping Acct. #7. (Steam, water, oil, air, including all pipes, fittings and tanks) 515.00

Electrical Plant Acct. #9. (Light and power plant, bells, signs, telephones, including labor and material) 4500.00  
4500.00

Equipment & Maintenance Acct. #3. (Machine shop, Blacksmith shop, Carpenter shop and pattern shop.) 1000.00

Yards & Railways Acct. #10. (Switches, sidings, grading for same, repairs to rolling stock, yard tools, horses, wagons, etc.) 1560.00

Mill Administration Acct. #12. (Offices, assay, engineering equipment, ticket account, freight, petty cash and office supplies.) 8345.50  
5224.00

Real Estate Acct. #14. (Repairs to fences, gates, etc.) 100.00

Store Room Acct. #18. (Supplies ordered from Stewartsville Office.) 5600.00

Stone Acct. #19. (Quarrying and hauling stone for masonry and concrete.) 300.00

Please note that no allowance has been

Very respectfully yours,

The Edison Portland Cement Co.,

Edison Portland Cement Co.  
ENGINEER

made for contingencies.  
A. L. B.

W.S.M..S.

MAR 19 1902

The figures which I give you above, as you will see, total up to about <sup>\$65000.00</sup> \$75000.00, and in making up the estimate we have figured as nearly as possible the probable cost in each case based on our experience with the work thus far, and as far as possible all guess work has been eliminated.

The sum named is neither high nor low and I have included no sum as a margin to cover contingencies. ~~and although~~

~~It is my firm belief at this writing that the work outlined covering the completion of the mill can be done for the sum named, and if in your opinion it is advisable to add any sum as a margin to cover contingencies, I would suggest 10%, but I prefer not to ask for any margin.~~

~~When we start operating the mill it will be necessary to open a new account covering "Operating Expenses" and I presume that you will determine what this amount should be as a fund to start on.~~

Very respectfully yours,

E.A.D.

The Editor Portland Cement Co.

*Edward A. Darling*  
ENGINEER

**Edison Portland Cement Company Records**  
**Corporate Files - General (1902)**

This folder contains correspondence and other documents relating primarily to company finances and the completion of the Stewartsville works. The correspondents include Edison, Walter S. Mallory, Theron I. Crane, and William S. Pilling. The documents written by Edison or bearing his marginalia pertain to experiments on furnaces conducted by Cloyd M. Chapman; drawings sent to William Simpkin; and work with rotary roasters and briquetting. Several items concern financial notes discounted by Edison and a loan by director Robert H. Thompson. There is also material relating to Model Building No. 11 at the West Orange laboratory, which probably housed Edison's experimental roaster. Other documents deal with competitors and publicity. Some items pertain to visitors at West Orange and Stewartsville; Francis R. Upton's bout with typhoid fever; and a gift to Mina Miller Edison from Joseph Wetzler of the *Electrical World and Engineer*. Additional documents concern clinker, soapstone, iron ore, and bags for shipping cement.

Less than 5 percent of the documents have been selected. The unselected material includes construction specifications for five-foot crushing rolls; payroll and other expenditure reports; typed reports prepared by the inspector at Stewartsville and initialed by Edison; and daily reports on the condition of motors in the roaster and coal plant, rock crusher, and chalk plant.

T.C. MARTIN,

Editorial Rooms

**ELECTRICAL WORLD**

**AND ENGINEER**

120 LIBERTY ST. NEW YORK.

W.D. WEAVER,

*Confidential*

*Jan 6. 1902*

*Dear Mr. Mallery:-*

*I have learned from Mr. Wetzyler that acting on an idea we had discussed together, he sent out to Mr. Edison just before Xmas, a present from Tiffany's. We felt that there was nothing in particular we could give Mr. E. himself but we did want to show how much his kindness was appreciated. I can't exactly say that we expected a very direct acknowledgment, but in view of the value and not hearing anything about it*

Mr Wetzel is a little anxious  
to ascertain whether it  
actually reached Mrs Edison.  
Is it asking too much to  
suggest that this is a  
little mission we could leave  
to your diplomatic delicacy?

I came down town  
this am with Mr Darling,  
who seemed quite chuffed  
and cheerful.

Yours truly  
T. Martin

W. S. Mallory Esq

T.C. MARTIN.

Editorial Rooms

W.D. WEAVER.

**ELECTRICAL WORLD**

**AND ENGINEER**

120 LIBERTY ST. NEW YORK.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

Yours to hand. Thanks for your kind courtesy. I presume everything is alright, but Mr. Wetzel is one of the systematic kind of men who likes definite assurance that things are so.

Yours truly,

Jan. 8th, 1902.

*T.C. Martin*

[FROM EMIL HERTER]

January 15th, 1902.

Mr. W. S. Mallory,

Vice Prest.

Dear Sir:-

Herewith my report as to the state of work in my department.

I have now at work only two structural Draftsmen who are completing the drawings for the large travelling screw conveyor in Cement Stock House and several connections between conveyors already designed. After this work is completed, we have only to lay out the Bagging House and bins, Oil house and Laboratory, and then the structural work will be finished, say a matter of about three weeks.

I have four men working in the mechanical department, completing the drawings for the driving mechanism of screw conveyors, coal and <sup>chalk</sup> feed for Roasters, roller feed and other work for coal plant, and making a number of assembly drawings for various chutes, conveyors, etc. This will complete the mechanical work and I will probably be able to drop one of these men in about two weeks, and the others in from four to five weeks.

I have two men working on the electrical layout and these I expect will go to Stewartsville to take up the installation in about a week's time. I have also one boy engaged in tracing.

Yours very truly,

T.C. MARTIN.

Editorial Rooms

**ELECTRICAL WORLD**  
**582 ENGINEER**  
120 LIBERTY ST. NEW YORK.

W.D. WEAVER.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

I am in receipt of a letter from you but am a little bit puzzled as to what it may refer to, as I have no recollection whatever of having written to Mr. Edison recently. The only thing of the kind that I can think of is an introduction which I gave to the nephew of Mr. Gisbert Lapp, who is here for a short time and wishes to see Mr. Edison before returning to Italy. Possibly this may be the matter in hand. On that assumption I am forwarding it to Mr. Wildmay for his information.

Yours truly,

*T.C. Martin*

Jan. 22nd, 1902.



THOMAS A. EDISON, PRESIDENT.

JOHN F. RANDOLPH, SECRETARY.

W. E. GILMORE, GENERAL MANAGER.

# Edison PHOTOGRAPH WORKS

*Mr. Malloy*

*Orange, N.J.*

March 3rd, 1902.

Edward A. Darling, Esq.,

Eng. The Edison Portland Cement Co.,

Stewartsville, N.J.

MAR 13 1902

Dear Sir,

We are shipping to-day in Erie car #71744, 18--15 H.P. motors  
and 2--25 H.P. motors, as follows:

<u>15 H.P. Motors:</u>	<u>Motor #</u>	<u>Armature #</u>
	1.....	6
	2.....	1
	3.....	14
	4.....	10
	5.....	15
	6.....	17
	7.....	13
	8.....	9
	9.....	12
	10.....	8
	11.....	20
	12.....	25
	13.....	3
	14.....	50
	15.....	21
	17.....	34
	18.....	29
	19.....	16
<u>25 H.P. Motors:</u>	43.....	43
	48.....	45

The motors have the armatures assembled, but we have left off  
the brush holder stud and brush holders and packed them in separate  
boxes, for the reason that they would be in your way in packing the  
bearings with wool and other dust proof material.

THOMAS A. EDISON, President.

JOHN F. RANDOLPH, Secy & Treas.

W. C. GILMORE, General Manager.

## EDISON PHONOGRAPH WORKS

*Orange, N.J.* Mar. 3rd, 1902.

MAR 13 1902

Edward A. Darling, Esq.

#2

The bearings have temporary wooden plugs; the 1/2" and 1" oil plugs were ordered from outside parties, and they have not yet come in, and for the oil gauges we have not yet received drawings, and I understand from Mr. Dickerson that they would probably have to be made at Stewartsville; at any rate we can make them here as soon as we receive drawings. The tapped holes are all the same, so that the plugs and gauges will be interchangeable. The lead wings we are holding back, not having received the cables which are to be soldered on these copper leads. All of these parts should be ready by the time you have the motors set up.

You will receive shipping memo. with full list of material contained in this shipment.

Yours very truly,

EDISON PHONOGRAPH WORKS.

Per

PW:JHO

THOMAS A. EDISON, PRES.

W. E. GILMORE, Vice Pres.

J. F. RANDOLPH, Secy. & Treas.

CABLE "EDISON" NEW YORK

SALESROOMS:  
135 FIFTH AVENUE, CORNER 20TH STREET,  
NEW YORK.



Type "Q" Cell,  
CAPACITY 150 AMPERE HOURS

Orange, N. J., Mar. 17, 1902.

MAR 18 1902

Edison Portland Cement Co.,

Mr. W. S. Mallory, Vice-Pres.,

Orange, N. J.

Dear Sir:

I am in receipt of your favor of the 14th, making inquiry as to the date of completion of the motors which we are building for you.

As you are aware, we have already made a shipment of 42 motors, and we shall continue to ship weekly as fast as a carload can be gotten ready. We are hoping to complete the order by April 15th.

Yours very truly,

*W. E. Gilmore*

Vice-Pres. & Gen. Mgr.

WEG/IWW

# TREXLER COOPERAGE COMPANY.

MANUFACTURERS AND DEALERS IN  
SLACK COOPERAGE STOCK.

ALLENTOWN, PA., April 17, 1902.

W. S. Mallory, V. P.,

The Edison Portland Cement Company,

APR 18 1902

Orange, N. J.

Dear sir:

Replying to your letter of 16th inst.

The usual custom is to buy staves, headings and hoops and assemble the barrels at the works. Some of the cement concerns make them up by hand but the larger concerns use machinery. The machines used almost exclusively are the Reed machines. You can get full information and prices etc., by addressing Mr. L. M. Reed, Cleveland, Ohio. We think a better machine although more costly, is made by the E. & B. Holmes Machinery Company, Buffalo, N. Y. The latter machines are used by the large manufacturers of barrels, such as the Brooklyn Cooperage Company, making barrels for the American Sugar Co.

We are pleased to quote you delivered at your works,

Sawed chestnut and pine cement staves	@ \$5.50 per M
Hard-wood, cut,	" " @ \$5.95 " "
Elm	" " @ \$6.20 " "
16 1/2" and 16" pine cement heading	@ 3 1/8 # per sett,
5 1/4" galvanized elm hoops	@ \$9.85 per M
6" " "	@ \$9.35 " "

We are quoting you on the several different kinds of staves used for cement barrels. Some of our customers prefer the sawed chestnut and pine, while others prefer the hard-wood, and a very few of them use the elm. We trust we may be favored with your orders, and should certainly do all we can to please you.

Any further information we can give you, we will do with pleasure, whether we are able to secure your order or not. We thank you for the inquiry.

Truly yours,

By Oscar L. Taylor

Mallory

4/18-

Experiments on our little  
Rotary Roaster for Breggerting  
shows that there will  
not be any difficulty  
about the big one  
at \$1. We may  
possibly want 10 or 15 -  
for more on chimney

E. L. L.

*ore milling*

PILLING & CRANE.  
GIRARD BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

*Let me know when  
it arrives*  
April 21, 1902.

Mr. Thomas A. Edison,  
Orange, New Jersey.

Dear Sir :

Following our recent conversation in regard to Arnold (Adirondack) Iron Ore, would say I am advised that two barrels of this ore will be shipped to you to-day by freight. Upon receipt of the ore I would be glad if you will let us have your opinion on its crushing qualities and the adaptability of certain machinery which you may have at the mines for handling such material.

Your ~~very~~ truly,

T.I.C.

*T. I. Crane*

April 23rd, 1902.

Mr. Jaques:-

Please note the attached letter from Mr. Gilmore relative to the Insurance on Model Building #11.. Please arrange to have the Philadelphia office render them a bill for the amount of insurance since March first last. The insurance on contents let stand until it expires, then do not renew. Better make a note of this on your Insurance book.

Mallory.

*Replied Per. 64 104 Bernean Am. Ins. Co.*

*12.50* *Grady Dunn* *11.50*

*Expiring July 1/02 to* *from Mutual* *5.00 x Nat. & Chicago*  
*10.00*

[ENCLOSURE]

THOMAS A. EDISON, PRESIDENT.

JOHN F. RANDOLPH, SECY & TREAS.

W. C. GILMORE, GENERAL MANAGER.

## EDISON PHONOGRAPH WORKS

*Orange, N. J.*

April 21, 1902.

APR 22 1902

W. S. Mallory, Esq., V. P.,

Edison Portland Cement Co.,

Orange, N. J.

Dear Sir:

I find that the letter I dictated in answer to yours of the 16th, regarding insurance, was inadvertently overlooked, and instead of not being fully understood by you was not fully understood by Mr. Westee.

In view of the fact that the title to Model Building No. 11 is still in your company, the insurance will of course have to be carried in their name, and all that is necessary for you to do will be to pay the insurance and charge it to us, when I will of course be very glad to send you a check in settlement.

We have already made arrangements for the proper insurance of stock which we now carry in that building.

As our fiscal year began March 1st, I would suggest that the insurance on the building itself be charged to us from that date. If this is satisfactory, will you kindly send us a bill for same.

Yours very truly,

*W. C. Gilmore*  
General Manager.

WEG/IWW



C O P Y.

May 12th, 1902.

My dear Crane:--

Yours of the 10th inst. noted. Mr. Edison is at Stewartsville to-day and I will take the matter up with him on his return to-morrow, telegraphing you which train he will take.

I note that you have engaged Mr. Carr and hope he will turn out to be a first class man.

Yours very truly,

W.S.Mallory, V.P.

T.I. Crane, Esq.,

Girard Building,

Philadelphia, Pa.

*W.S.M.*

Wm. H. BULLOCKHEAD  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. FILING  
TREASURER  
THOMAS L. COOPER  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 2, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

My dear Mr. Mallory :

I wish to report having returned to work, and am now  
subject to any instructions which Mr. Edison may have to forward.

With best wishes, I am

Yours very truly,

W.S.P.

*W. S. Filing*  
Treasurer.

P. S. Very glad to hear the good news about the battery.

Wm. H. SHULLENBERGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. E. PAULING  
TREASURER  
THEODORE J. CHASE  
SECRETARY  
THOMAS A. EDDON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 9, 1902.

JUN 11 1902

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

Dear Sir :

We enclose copy of letter from our Pittsburg office in  
reference to Furnace Cement. If you want any additional data, kindly  
advise us.

Yours truly,

*W. S. Pauling*

Treasurer.

W.S.P.

ENCLOSURE.

[ENCLOSURE]

JUN 17 1902

Pittsburg, June 7th, 1902.

Messrs. Pilling & Crane,

Philadelphia, Pa.

Gentlemen,

When in Philadelphia the other day I advised Mr. Crane that there was a small experimental cement plant in Allegheny under Otto Wuth's patents. He knew nothing about this concern. I now find a year or two ago Otto Wuth, who is a local chemist, invented a process for making cement from furnace slag and eliminating the sulphur. A company was organized at that time called the International Cement Co. composed largely of Philadelphia people, it being reported to me that the Widener and Elkins people were in it.

Nothing has been done for months until about two weeks ago. I learned to-day that the capital has been increased to \$500,000, and that they are proposing to construct plants or lease rights to blast furnaces, rather than go into the manufacture themselves. I also understand that they have made a proposition to Mr. Corry of the Carnegie Steel Co. to build a plant at the Carnegie furnaces at their own expense with the understanding that Carnegie shall not be compelled to purchase until they demonstrate that the plant is satisfactory. They claim to make a cement equal to the best German Portland, and that they eliminate all the sulphur. They also claim that they can make this cement under conditions where they would be obliged to buy and haul the slag at 60 cents per ton and that a plant located at the furnace with

[ENCLOSURE]

JUN 10 1917

P. & O.? Page 2.

no cost would enable them to make the cement at about 40 cents.

The experimental plant is in operation in Allegheny and they are turning out about 10 barrels a day. I was informed today that Mr. Wood from the Highland Steel Works has been here inspecting this plant with a view of installing one at Sparrows Point. If you are interested Mr. Wood could probably tell you much about it, and if you desired I could send you a sample of the cement.

If what they claim is true and furnace slag cement plants should be erected at a number of furnaces it would certainly materially affect the cement trade. It must be borne in mind that they claim this cement will analyze and stand the weather or any other test equal to the best German.

Yours very truly,

*W. M. M.*

Wm. H. SCHUMBERGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PULLING  
TREASURER  
TULLY L. CRANE  
SECRETARY  
THOMAS A. EDISON  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 11, 1902

Mr. W. S. Mallory, V. P.,

Orange, New Jersey.

Dear Sir :

We herewith enclose two notes aggregating \$12,500 to the order of Mr. Edison for discount. Upon receipt of the proceeds of these notes we will mail you check for your voucher received to-day for work done at Orange.

Yours very truly,

*W. S. Pulling*  
Treasurer.

W.S.P.

ENCL.

\$ 2500 - attn Germania

Wm. H. BOWENHORN  
PRESIDENT  
W. S. MALLORY  
VICE-PRES.  
W. S. PALING  
TREASURER  
THOMAS L. GRIFF  
SECRETARY  
THOMAS A. EDSON  
GENL. MGR.

# The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 11/1902

Mr. W. C. Macleary,  
The Edison Portland Cement Co.  
New York

Mr. Edison being the only Director in order  
to whom we look to for accommodation and assistance unless  
they enter in his favor and pay \$75.00 - and the other  
for \$37.50 as was done on the former occasion - On  
receipt of the proceeds of these notes we will send you  
checks for his remaining cash in payment of \$2101.56 -

We also had you brought the following  
statements: Thos. W. Pearson \$371.75  
W. C. Macleary \$5.00  
Edison through Betting & Co. \$11.22

which please distribute - And in furtherance  
letting and catalogue of W. C. Pearson that may interest you  
also letting and statements of Geo. Betting & Co. \$116.45

Yours truly

THE EDISON PORTLAND CEMENT CO.

W. C. Macleary

We add to any enclosed \$4476 in favor of W. C. Pearson  
amounting to \$4476 - and check for same which will be  
directly shown -

Wm. H. SHELDON  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. FIDLER  
TREASURER  
THOMAS L. CHASE  
SECRETARY  
THOMAS A. CHISHOLM  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 11, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

Dear Sir :

I have your favor of 10th instant and will take up the question of directors' meeting at Stewartsville and advise you. I think the suggestion a good one.

Am very sorry to hear of Mr. Upton's illness, which I trust will not be very serious, although typhoid fever is always to be dreaded. I presume that no arrangement is necessary with the Bank, as the checks will be drawn to Mr. Darling's order and he can no doubt get the money.

We herewith return letter of Mr. Darling in reference to reduction of force.

Yours very truly,

*W S Fidler*

W.S.P.  
ENCL.



Wm. H. BISHOPMAN  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PALLING  
TREASURER  
THOMAS L. GRAY  
SECRETARY  
THOMAS A. EDSON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 14, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

Dear Sir :

We have your statement of commitments to date and must confess that the outlook is anything but encouraging. Our people cannot understand why the repeated efforts to arrive at a final estimate of cost cannot be done with reasonable accuracy. We suppose that by Thursday next you will have another estimate made up to submit to the Board meeting.

Yours very truly,

*W. S. Palling*

Treasurer.

W.S.P.

*Barling.  
James.  
Rogers.*

Wm. H. BULLMAN  
PRESIDENT  
W. S. MALLORY  
VICE-PRES.  
W. S. PALMS  
TREASURER  
THOMAS L. COAK  
SECRETARY  
THOMAS A. EDSON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

PERSONAL.

Philadelphia June 17, 1902.

Mr. W. S. Mallory,  
Orange, New Jersey.

Dear Sir :

I understand that you will have on Thursday a statement of the amount of money which will be needed to complete the works and start it up. I have great dread of the results of this meeting. The directors are positively tired out. Our cash will be exhausted this month, and I see no way of securing more. The dissatisfaction of stock-holders is so great that the directors seem unable to battle against it any longer. I simply write this as a matter of information. The great cause of dissatisfaction is the impossibility of securing correct information regarding cost of plant - which keeps swelling and swelling, and I see no way out. We have just received telegram for pay-roll, and after paying this we will have about \$20,000 left for all purposes.

Yours very truly,

*W. S. Mallory*

W.S.P.

Treasurer.

WM. H. SHULMISTONE  
PRESIDENT  
W. S. MALLORY  
VICE-PRES.  
W. S. FALLING  
TREASURER  
THOMAS E. CHASE  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 21, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, N. J.

Dear Sir :

We have your favor of 20th instant.

When you are within the 30-day limit of starting, we think it would be well to take up the bag question, and in the meantime you might ascertain whether the notes will be acceptable. How do the prices compare with those named by others?

Yours very truly,

*W. S. Falling*

Treasurer.

W. S. F.

Wm. H. BUSHNELL  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PALINO  
TREASURER  
VICTOR L. GRANT  
SECRETARY  
THOMAS A. EDISON  
GEN. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 25, 1902.

Mr. W. S. Mallory, V. P.  
Orange, New Jersey.

Dear Sir :

We are getting exceedingly short of cash. It occurs to us that it would be well to have the New Jersey & Pennsylvania Concentrating Works accept paper the same as any other creditor, and Mr. Edison can no doubt get some of it discounted and pay up his subscription in cash. It is absolutely imperative for us to get some money quickly, as the next few days will wind up all our available cash and we shall have nothing for the early July pay-roll.

We understood that Mr. Thompson wanted some data from you, and should like to know whether you have furnished it. Something will have to be done quickly or the work at Stewartville must stop.

Yours very truly,

*W. S. Mallory*

Treasurer.

W.S.P.

26 cmo -  
11  
15

Wm. M. SHELLHOUSE  
PRESIDENT  
W. S. MALLORY  
VICE-PRES.  
W. S. PALLING  
TREASURER  
THOMAS J. ORRILL  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia June 27, 1902.

Mr. W. S. Mallory, T. P.,

Orange, New Jersey.

Dear Sir :

We have your favor of 26th instant.

We had already forwarded the notes for the New Jersey & Pennsylvania Concentrating Works. We recognize of course that these matters are entirely within Mr. Edison's control and it is optional with him as to whether or not he will accept notes. You are well aware, however, that we have no cash, so cannot settle in any other way at the present time. No doubt the whole matter will be made entirely satisfactory to Mr. Edison later on.

Yours very truly,

*W. S. Palling*  
Treasurer.

W.S.P.

June 28, 1902.

Estimate.

Mr. W. S. Filling, Treas.,  
Philadelphia, Pa.

Dear Sir:-

We are all at work on the estimate and hope to have it completed with full detail before July 4th.

Mr. Edison asks whether you have approached Messrs. Page and Bent as to taking paper same as have the other Directors, if so with what result?

Yours very truly,

*See E. B. C. G.*

Wm. M. Shelmerdine  
PRESIDENT  
W. S. Mallory  
VICE-PRES.  
W. S. Pilling  
TREASURER  
TUCKER L. GEORGE  
SECRETARY  
THOMAS A. EDSON  
GENL. MGR.

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 1, 1902.

Mr. W. S. Mallory, V. P.,

Orange, New Jersey.

Dear Sir :

I herewith enclose copy of letter received to-day from Mr. Thompson, and copy of my reply.

It is simply beyond my comprehension how any such misunderstanding could have occurred, and I fail to see how either you or Mr. Thompson could look upon the matter as one which can wait. I should like to know how it is expected that the Company will secure the means to run during the month of July. Mr. Shelmerdine fully understands the gravity of the case, and so long as the minutes bear out our view, it is evident that another meeting must be called immediately or the committee raise the funds to carry on the work ; otherwise, instructions should be issued to lay off all the men, as it would be simply ruinous to have pay-rolls mature without provision for meeting them - not to speak of bills for which threatening letters are already being received.

Yours very truly,

*W. S. Pilling*

Treasurer.

W.S.P.

P. S.

Mr. Shelmerdine is here now, and says that he cannot understand how there can be any difference of opinion as to the duties of the committee. He seems surprised at Mr. Thompson's understanding of the matter, and has been expecting to have the committee called together, as he says that the board expects a special meeting to be called to hear the report of the committee.

[ENCLOSURE]

For Mr. W. S. Mallory.

COPY

PILLING & CRANE,  
GUARD BUILDING,  
BROAD & CHESTNUT STREETS,  
PHILADELPHIA.

"The Oceanside", Magnolia, Mass.,

June 30, 1902.

Mr. W. S. Pilling, Treas.,

Edison Portland Cement Co., Phila.

Dear Sir :

Your letter of 27th inst. has only this moment reached me. You enclose copy of Mr. Mallory's letter, which correctly states my understanding of the duties expected of the committee appointed at the last meeting. I did not expect to take up anything except the question of raising the money necessary to complete the plant and pay off the debts then due and leave a respectable working capital. I did not consider that the immediate needs were to be provided for by the committee. There is only one small note to be provided for next month, as I understood it, and as you remember, I stated I would try and look out for that individually, and this I will do - if you will let me know when it falls due. I expect to be back home on Tuesday, 8th, and I believe this note of something over \$4000 is not due till later, but am not sure. If it should be, kindly wire me here and I will try and make provision for it through my house in Brooklyn, and if the balance of the requirements for July is not then in sight, I'll do my level best to provide for them some way, but not as Chairman of committee.

Very truly yours,

(Signed) R. H. THOMPSON.



[ENCLOSURE]

For Mr. W. S. Mallory.

July 1, 1902.

Mr. Robert H. Thompson,

"The Oceanside",

Magnolia, Mass.

Dear Sir :

I have your favor of 30th ultimo and am somewhat puzzled at the misunderstanding.

At the meeting held June 19th it was stated that there was about money enough to see the Company through the month of June, including a note for about \$4600.00, that the maturing notes for July aggregated over \$50,000 and that there were no funds in sight to meet them nor the pay-rolls and maturing bills for material. I send you the following extracts from the minutes of that meeting :

"The Treasurer submitted copy of trial balance to June 1, 1902, together with statement of cash receipts and disbursements; also a statement showing that the outstanding notes of the Company on June 17th amounted to \$212,912.30, together with memorandum as to the dates of maturity. He also stated that the Company will receive the proceeds of notes aggregating \$20,000, to be discounted by Messrs. Shelmerdine, Pilling and Crane, and that these funds, with the cash on hand, would about pay the cash disbursements, including pay-rolls, until July 1st. He also stated that the Company owes about \$15,000 for bills already due in excess of amount of subscription still due by Mr. Edison, and urged the importance of immediate action to provide funds for the continued operations of the Company after July 1st."

"A full discussion ensued as to the best method of securing additional capital and, on motion, the President was directed to appoint a committee of

[ENCLOSURE]

Mr. Robert H. Thompson - 2

five to take the matter into consideration and report at the next regular meeting of the Board, or at an earlier special meeting to be called for that purpose should it be desirable. The President appointed Messrs. Robert H. Thompson, E. C. Miller, Thomas A. Edison, T. M. Thompson and Willard P. Reid as the committee."

I know that Mr. Shelmerdine and the other directors understood the matter as I do. This is confirmed by the resolution instructing the committee to report at the next regular meeting, or at an earlier special meeting to be called for that purpose. The note to which you refer fell due in June and was paid.

I regret very much if there has been any misunderstanding, but you can see from the urgency of the case that the Company must either have funds to carry on its pay-roll and bills already overdue, or orders must be given to suspend the work.

Yours very truly,

Treasurer.

W.S.P.

Called Address "Edison, New York"

From the Laboratory  
of  
Thomas A. Edison.

Subject, \_\_\_\_\_

Orange, N.J.

July 2, 1902.

National Shoe & Leather Bank,  
271 Broadway,  
New York.

Dear Sirs:

We beg to enclose you herewith three months note for \$5,000.  
Will you kindly discount same and place proceeds to our credit, and  
greatly oblige,

Yours truly,

Edison Manufacturing Company

By *W. A. Edison* .....

*Guard*

P. S. Mr. Mallory would have brought this note in for discount but  
he has been suddenly called out of town.

It above is renewal for one due July's  
all right - but must communicate first  
with Mr. Mallory before doing anything

*John M*

Wm. H. SCHLESINGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PILLING  
TREASURER  
THOMAS L. GILMAN  
SECRETARY  
THOMAS A. EDSON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 8, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

Dear Sir :

I enclose copy of letter sent to Mr. Thompson.

I think you had better commence to arrange for renewals for notes due this month, where you think parties will accept them. Not knowing these people, I do not know how to approach them. Of course the least we can arrange to pay, the better, and I suppose that in this way we can stave off for a time some of the payments, but I doubt whether you can get four months on these renewals and presume that most of the parties will want a fair payment in cash and will seriously object to a second renewal.

Yours very truly,

*W. S. Pilling*  
Treasurer.

W.S.P.

ENCL.

[ENCLOSURE]

For Mr. Mallory.

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS,  
PHILADELPHIA.

July 7, 1902.

Mr. Robert H. Thompson,  
Brooklyn, New York.

Dear Sir :

Your esteemed favor of 2nd instant was duly received.

Mr. Sholmerdine was here to-day and we went over this matter, and you understand the gravity of the situation. We all realize that it would be better to wait till the mill is running, but the trouble is, that we cannot get it into operation without additional funds. It is not likely that any of the directors will expect their notes paid off at maturity. Of the amount due this month, upwards of \$20,000 is due to outsiders, and while Mr. Mallory may be able to arrange for partial renewals, it is evident that much of this money must be raised, and we must also meet payrolls in cash. It is evident that some prompt action must be taken, otherwise orders should be given to shut down the works immediately.

Yours very truly,

Treasurer.

W.S.P.

Wm. H. OVERBERGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. FELLOE  
TREASURER  
THOMAS S. GRACE  
SECRETARY  
THOMAS A. EDSON  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 9, 1902.

Mr. W. S. Mallory, V. P.,  
Orange, New Jersey.

Dear Sir :

Mr. Thompson has arranged a temporary loan of \$50,000, which he says will reach us to-morrow. This will enable us to pay the most pressing obligations of the Company. I presume that it will be necessary to pay something on account of maturing merchandise notes, but of course if we can renew the greater part of these notes it will make it easier for us to get through during August, and if the works shall start up this month (as I understand is your present expectation) we may be able to keep things alive until we can arrange for permanent loan.

Will you kindly send me a copy of the estimate which you have prepared for Mr. Thompson?

Yours very truly,

*W. S. Felloe*  
Treasurer,

W.S.F.

*for testing*

Wm. H. SCHLAECHING,  
PRESIDENT.

W. H. MAIGRET,  
VICE-PRESIDENT.

W. H. FILLING,  
TREASURER.

THOMAS E. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
SUPERVISOR.

## THE EDISON PORTLAND CEMENT CO.,

GENERAL OFFICE: CHASE BUILDING, PHILADELPHIA, PA.  
CHARGE OFFICE: EDMOND LABORATORY, ORANGE, N. J.

TELEPHONE:  
431 EASTON, PA.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J.

July 9, 1902.

IN RE Soap-stone.

Mr. Thomas A. Edison,  
Orange, N. J.

My Dear Mr. Edison:-

As per your telephone instructions I am sending  
to you today two bags of samples of soap-stone.

One bag is from a quarry on the Bushkill Creek in Pennsylvania  
back of Easton, and the other bag is from a quarry along the Delaware  
River above Phillipsburg.

The quality of the stone from this latter quarry is very  
irregular. The samples are taken from different parts of the quarry, and  
I am told that that is the way the material runs.

Very truly yours,

The Edison Portland Cement Co.,

*Edward A. Darling, Jr.*  
MANAGER

*The sample taken  
down by Mr. Darling this p.m. is also  
from the quarry above Phillipsburg.*  
*E. A. B.*

Wm. M. STEINBERGER  
PRESIDENT  
W. B. HALLORY  
VICE-PRESIDENT  
W. B. PALING  
TREASURER  
THOMAS L. CHASE  
SECRETARY  
THOMAS A. EDDEN  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 10/1902

JUL 11 1902

Mr. W. S. Mallory & Co.

The Edison Portland Cement Co.

Dear Sir,

7/10/02

We herewith enclose your note for demand  
with interest at 6% to the order of Mr. Robert  
H. Thompson for \$50,000 - which kindly  
countermand and return to this office. Mr. Thompson  
sent us his check today for this amount -

Yours Truly

W. H. Kellogg, Jr.  
D. J. M. C.



Wm. H. STEWART  
PRESIDENT  
W. B. HALLIDAY  
VICE-PRESIDENT  
W. B. FALING  
TREASURER  
THOMAS L. CHASE  
SECRETARY  
THOMAS A. EDISON  
GEN. MANAGER

# The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 15/1902

Mr. Thomas A. Edison

Care of Dr. J. R.

Dear Sir,

Particulars of 595 shares preferred and 940 shares of the common stock of our company of which you acknowledge receipt in your favor of yesterday are as follows, - Each summer when a dividend was found to amount to \$250,000 of our preferred stock, you subscribed to 1000 shares in \$100.00 of this you transferred with all privileges to other parties 500 shares, leaving your actual subscription 500 shares in \$250.00 - the allotment to subscribers being 940 of these subscriptions, your 500 shares were reduced to 470 shares in \$235.00 each share of preferred so, attached carrying with it two shares of common making you the 940 shares as issued - the preferred stock you paid for as follows,

July 1/02	174.96
Aug 15	2125.04
Aug 27	8900.00
Aug 1/02	5000.00
July 9	116.00
	<u>23500.00</u>

Comp'd by A. C. R. 10/1902

As the underwriting was done on the basis of 25% premium payable in stock, you received without payment 125 shares

Paid for as above as issued - 595

Very truly

THE EDISON PORTLAND CEMENT CO.

67th

Wm. H. SHAWMUT  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. E. FILLING  
TREASURER  
THOMAS L. GRAVE  
SECRETARY  
THOMAS A. EDGOS  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia July 19, 1902.

JUL 21 1902

Mr. W. S. Mallory, V. P.,

Orange, New Jersey.

Dear Sir :

We have had a couple of visits from people who make machines to clean bags, and have told them to see you or Mr. Darling. They have a scheme by which they put a machine at mills, and clean and repair bags for one-quarter of a cent each. The scheme appeals to us as being a good one.

We have sent a copy of this letter to Mr. Darling.

Yours very truly,

*W. S. Filling*  
*J. E. D.*

W.S.P.

July 30 1902

C. L. Edyan  
Boston  
Mass.

Away next week  
Starting Cement Plank. Is ~~at~~ ~~the~~ home  
week after - when will be glad see you.

Thos A. Edison

Edison

Postal telegraph

[FROM JAMES E. GARVIN]

THOMAS A. EDISON, Pres.

W. E. GILMORE, Vice Pres.

J. F. RANDOLPH, Secy. & Treas.

CABLE "KURILIAN," NEW YORK.

SALESROOMS:  
135 Fifth Avenue, corner 20th Street,  
NEW YORK.  
83 CHAMBERS STREET.



Type "Q" Cell.  
CAPACITY 150 AMPERE HOURS



Orange, July 31st, 1902.

REL 33 1 1862

Edison Portland Cement Co.,  
Laboratory.

Gentlemen:-

Referring to your letter of recent date, concerning your order #4532:- We were not in position to fill the order and referred it to our N. Y. Office, thinking that they possibly had in stock fan motors that would answer your purpose. We have not heard from them yet, and have to-day written Mr. Gladstone and requested him to communicate with you direct. You will no doubt hear from him within a day or two.

Yours very truly,

EDISON MANUFACTURING CO.

PMR

JRG:TF

PILLING & CRANE.  
GIRARD BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

August 1st, 1902.

Thomas A. Edison, Esq.,

(Laboratory)

Orange, New Jersey.

Dear Sir :

We have your favor of yesterday, enclosing note due  
November 30th for \$2040.00 which we place to your credit, and will  
send you proceeds for same beginning of next week.

Yours very truly,

*Pilling & Crane*

B.

T.C. MARTIN.

Editorial Rooms

W. D. WEAVER.

**ELECTRICAL WORLD**  
**AND**  
**ENGINEER**  
120 LIBERTY ST. NEW YORK.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

I have noticed once or twice lately in the papers items with regard to the starting up of Mr. Edison's cement works. I would say that at the earliest possible moment we should be glad to illustrate and describe the plant in accordance with previous conversations on the subject.

Mr. Aschoff, who is a partner in the firm of Mitchell & Company, which for many years has represented Edison and General Electric interests in Brazil, is now in this city and would like to have an opportunity of visiting the Laboratory and of seeing Mr. Edison. While here he would also like to take up the subject of handling the Edison Battery in that part of the world. Mr. Aschoff is a personal friend of mine of long standing and I should be glad to bring him out to the Laboratory whenever it would be desirable or convenient before he leaves the city. I should be glad if you would let me have a word of advice on the subject.

Awaiting your kind and prompt attention,

Yours truly,

*T.C. Martin*

Aug. 11th, 1903.

*Not Ready*

THOMAS A. EDISON, President.

JOHN F. RANDOLPH, Secy & Treas.

W. E. GILMORE, General Manager.

## EDISON PHONOGRAPH WORKS

*Orange, N.J.* Aug. 19, 1902.

Edison Portland Cement Co.,

AUG 19 1902

Mr. W. S. Mallory, Vice-President,

Dear Sir:-

Referring to your Req. #4537, which covers 125 special pieces per sample:-

We manufactured a quantity of these plugs for you some time since, but after they were finished the tools and gauges were turned over to your Company, and we understand they were sent to Stewartsville.

Will you please have them returned to us at once, and we will start work on the present order just as soon as they come to hand. When the order is completed we will of course return the tools and gauges to you with the plugs.

Yours very truly,

EDISON PHONOGRAPH WORKS

PER

JEG:TF

August 23, 1901.

Application of Carl Hittag.

Mr. W. C. Pilling, Treasurer,  
Girard Trust Building,  
Philadelphia, Pa.

Dear Sir:-

I happened to see enclosed letter from you regarding an  
expert from the Alcoa Works, and having already a report on these works,  
by one of my men, I have had it typewritten and send it to you.

It will be interesting reading when taken in conjunction  
with applicant's letter.

Yours very truly,

ENCLOSURE:

*W. C. Pilling*



[ENCLOSURE]

Stewartville, N. J. August 28, 1902.

Mr. Thos. A. Edison,

Dear Sir:-

In pursuit to your request to visit the Alsen Cement Works at Alsen which is near my home, I last Monday, August 25th went over the works:-

The buildings are very finely constructed of terracotta brick. They use the regular cement machinery of German make, two kinds of limestone and solid dry clay are ground together. The cement of which I had sifted, gave 64% through 200 mesh, 28% through 100 mesh and 8% through 50 mesh. This shows a very coarsely ground cement. The peculiarity of the mill is that it is mostly run by motors, but the conditions under which they work are very bad and will result in rapid depreciation. 30 Crocker Wheeler motors are used, they are all exposed to the dust, the sparking on the commutators is very bad on account of dust gathering between carbon and commutators. Two men continually go around cleaning commutators and adjusting brushes.

There is a wilderness of belts, evidently the first arrangement of conveyors, etc., did not work and they have largely been torn out and replaced by wooden fixtures. Gears have been miscalculated and additional shafts and belting have been put in. Altogether the whole outfit is pretty bad, except the buildings.

The quarry is about 1800 feet distant, the stone is blasted down and carried a short distance and dumped over a bank, it is then re-loaded and carried another short distance, dumped and re-loaded into a car holding 2-1/2 tons, hauled to mill by a wire rope. There is a car about every five or six minutes. The car delivers to a crusher. They seem to have a great difficulty in getting limestone through crusher, as they have quite a bit of tools, they hammer it in and if a piece don't go through it is gripped and pulled out and put in the other way.

The clay is taken from the ground immediately in the rear of the mill by pick and shovel, and carried by hand and in barrows, and piled up under a shed to dry. It is then broken up and fed by hand into a belt elevator.

[ENCLOSURE]

Mr. T.A.E...2.

The elevator dumps the clay into a crusher which appears to consist of a couple of rolls between which the clay passed, from the rolls it goes into a couple of internally fired cylindrical dryers and then appears to go into the ball mill with the lime stone. There are about 15 or 20 men digging, storing and breaking up the clay. There is about 20% clay mixed with the limestone.

They do not apparently weigh the clay and limestone, as I saw no scales. The kiln man who comes from Stewartville says that the lime proportions vary so much that at times the clinker melts and cobs up the kiln, then they get a lot of men and work a long bar to break up the collars formed. One of the kilns was so badly collared up that they couldn't break it up, and the head burner said "Start it up again, and maybe it will loosen up if it don't, we will have to shut her down and let her cool off."

The electrical equipment was so poorly installed that the switchboard panels crack from the heat produced in the poor electrical contacts. They had shut the mill down the week previous to scrape the contacts and renew some of the panels in the switchboard. The cables leading the current from the power house to the mill, run through wooden conduit <sup>in</sup> covered trench under the floor for about 100 feet. The cables were made so tight that they were not sufficient to carry the current and the cables and conduit all got on fire and shut down the mill for a day. They now have the cables all strung out on the floor and covered up with loose boards.

The clinker from the roasters drops into a bin and the air far the roasters is drawn over it cooling it off somewhat. The clinker is then dumped into small cars holding perhaps a ton. The cars are raised out of the pit by an elevator, and run out into a shed where the clinker is dumped on the floor and sprinkled with a watering pot and left a while to cool. It is then shoveled back into the cars and dumped into storage bins.

The elevator for the clinker cars had dropped a few days before I was there and smashed a couple of cars.

[ENCLOSURE]

Mr. T. A. R. . . . 3.

The gate that lets the clinker into the cars became jammed and the hot clinker had overrun and set the place on fire doing a good deal of damage.

There seems to be a good deal of margin in burning clinker, for while I was there they took out five samples of clinker two of which were over burned and two under burned, and only one properly burned but they used it all.

At the office they told me that they didn't allow an one through the works, but I persuaded them to let me see the electrical equipment and went through with their lead electrician. He didn't know anything about cement, but told me the troubles they had with switchboard cables, elevators, etc. I left the electrician and went up to the quarry and afterward came back and went through the works alone, and found out what I could by observation and questioning the workmen by leading questions.

Respectfully yours,

*Wm. C. Warren*

Form No. 1.

# **THE WESTERN UNION TELEGRAPH COMPANY.** **INCORPORATED** **23,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be corrected only by retransmitting a message back to the sending station for correction, and the Company will not hold itself liable for errors or delays in transmission or delivery of messages, except the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
46	W.R.	47 Paid	

RECEIVED *2:59 PM* *Sept 22* 190*2*

Dated *New York*

To *Mr. Edison*

*Stewartville N.J.*  
*Mr. Percy for his mail man from*  
*Gold Road mine Arizona and Mr*  
*Ordway for I am coming to Stewartville*  
*tomorrow unless you prefer some*  
*other day - They want to see the*

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ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK

RECEIVED at \_\_\_\_\_ 190*2*

Dated \_\_\_\_\_

To \_\_\_\_\_

*Cushing plant in operation - Please*  
*telegram or telephone reply to 265*  
*East St.*  
*James Grant*

[ON BACK OF PRECEDING PAGE]

I think we shall be running around  
plant tomorrow at present we are  
adjusting!

All right come out ~~Don't know~~  
~~take you around~~

Σ

Wm. H. SHAWMONT,  
PRESIDENT,  
W. E. HULLCOY,  
VICE-PRES.,  
W. B. PULLEY,  
TREASURER,  
THOMAS A. EDISON,  
ENGINEER,  
THOMAS A. EDISON,  
GEN'L. MANAGER.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

## The Edison Portland Cement Co.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J.,

Dear Mr. Edison:--

We are in receipt of your memorandums, asking that we send the Cement analyses books of the Stewartsville explorations, and also the drill cores made by the two drills.

I have been over the matter with Devonald and Cal Freid, and we have found empty boxes, also the parts which are on the shelves, and we will have them carefully tagged, packed and forwarded by freight to-morrow. There are also several larger boxes, which Devonald informs me have not been unpacked. I will also ship these. In case you want the boxes sent by Express, please telegraph me to-morrow.

I will also send you a list, designating what each of the smaller boxes contain.

We will also send you copies of the old Log books used at Edison. You will find that Mr. Young has new log books all prepared. I have gone into the matter very thoroughly with him and he understands what is to be done.

Yours very truly,

Thomas A. Edison, Esq.,  
Stewartsville, N. J.

SEP - 6 1895 - 3 H.

9/7/02 WSM/L

Placing of all drill cores by freight

Form No. 1.

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INCORPORATED

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.  
ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
29	Karl	John	
278 MAIN ST.			
RECEIVED at		ORANGE, N. J.	
Dated	New Village N. J.		Sept 5 - 1902
To	via Mallory		SEP - 6 1902
<del>           Orange N. J.            will be at Laboratory            all morning for meeting            at 12:00         </del>			

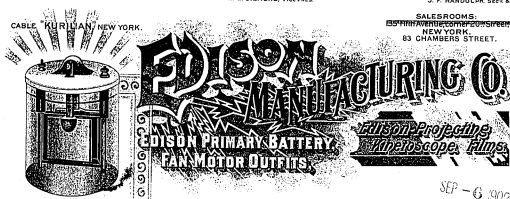
THOMAS A. EDISON, PRES.

W. E. GILMORE, VICE PRES.

J. P. RANDOLPH, SECY & TREAS.

CABLE "KURILAN" NEW YORK.

SALESGROOMS  
137 N. FIFTH AVE. NEW YORK  
83 CHAMBERS STREET.



SEP - 6 1902

Orange, N. J., Sept. 5, 1902.

Edison Portland Cement Co.,

Orange, N. J.

Dear Sirs:

In reply to your letter of Sept. 4th, would advise that your order #4579 was returned by Mr. Gilmore direct to Mr. Mallory, with the suggestion that the material mentioned thereon be ordered direct from S. Bergmann, Berlin. We have never manufactured the commutators and those that we have supplied we have secured from Bergmann.

Yours very truly,

JRS/IWW

*J. P. Randolph*  
Asst. General Manager.

*Griffith*  
*This order has been converted of Edison M. Co. & placed w/ Bergmann*  
*Done*  
*Note!*



Wm. H. BULLINGTON  
PRESIDENT  
W. S. MULLICKY  
VICE-PRESIDENT  
W. S. PILLING  
TREASURER  
THOMAS L. GIBSON  
SECRETARY  
THOMAS A. EDISON  
GEN'L MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia, Sept. 13, 1902.

Mr. Thomas A. Edison,

Orange, N.J.

Dear Sir :

We herewith enclose a circular of the D'Olier  
Engineering Company which may probably interest you.

Yours very truly,

*W. S. Pilling*

Treasurer,

B

ENCLOSURE  
W. S. P.

*Mr Edison has seen  
this*

SEP 15 1902

Mallory

Just as I thought  
my sketches are balled up in  
the tracing - Hereafter  
send my originals to  
Simpkins not tracings

Edison

TELEPHONED

September 19th, 1902.

Mr. Mallory:

Herter sick, leaves us very much hampered. Can't you  
send our man who is at the Phono Works; I mean the one we had work-  
ing at first on Glen Ridge building?

(Signed) Edison.

Edison

1a

<sup>2</sup>  
PILLING & CRANE,  
CIRAR BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

September 20th, 1902

Mr. Thomas A. Edison,

Orange, New Jersey

Dear Sir :

Referring to the writer's conversation with you on  
the subject of briquetting iron ores, we enclose, for your  
guidance, copy of letter we are writing the Warwick Iron & Steel  
Company directing shipment of fifty pounds of Messabe ore to you.  
If this ore can be cheaply and successfully put into briquettes,  
we judge there would be a large field for operations in the West.

Yours very truly,

B.

T.I.C.

ENCL

*Walter  
Whitman Chapman  
for Messabe ore is worth  
want to try these*

*Pilling & Crane*

[ENCLOSURE]

For Mr. Edison -

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS.  
Sept 28<sup>th</sup> 1902.

Messrs. Warwick Iron & Steel Company,

Pottstown, Pa.

Dear Sirs :

We would thank you to ship a box containing say about fifty pounds of fine Messabe ore, addressed to Thomas A. Edison, (Laboratory) Orange, New Jersey, by United States Express. We presume you have some Sauntry ore on hand, and, if so, this would answer very well. We would prefer, if possible, to have the ore all fine as it will be used in a briquetting experiment.

Your attention will oblige,

Yours very truly,

B.

T. I. C.

P.S.- Kindly advise us particulars of the ore when you ship it.

Form No. 1.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions set out above.

ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
54	NY	ORANGE, N.J.	OK

RECEIVED at ORANGE, N.J. Sept 22 190

Dated: September 21

To: Mr. John Edison

Got bad gold Doctor  
won't let me return until  
Wednesday  
W. A. Warner

PILLING & CRANE.  
GIPARD BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

September 23, 1902.

Mr. Thomas A. Edison,

Laboratory, Orange, N. J.

Dear Sir :

We herewith enclose copy of letter from Warwick Iron &  
Steel Company, reporting shipment to you of box sample of Missabe ore.

Yours very truly,

W.S.P.

ENCL.

*W. S. Pilling*

[ENCLOSURE]

9/22/03.

Millington & Crane, Philade. Pa.

Enclosure:-----

We shipped Thos. A. Mison, as per your request, to-day, per  
D. S. Co., a box, containing fifty-four (54) lbs., of "Atlas" Ore.

We beg to inform you that the analysis of this Ore, is  
as follows:-----

Iron-----	59.61
Silica-----	6.62
Phos.-----	0.074
Alumina-----	1.84

Hoping this will prove satisfactory,

Very truly yours,  
Warwick Iron & Steel Co.,

per, \_\_\_\_\_

RECEIVED



9/25/02/WSM/L

Mr. J. F. Randolph.

Dear Sir:--

Commencing from September 1st, Mr. Herter's salary for work done at the Edison Portland Cement Company, is to be charged to the Hunderland Ore Company, as he is to keep all blue-prints up to date for them.

I have written Mr. Upton at Stewartville, as per enclosed carbon copy.

Yours very truly,

Mallory.

[ENCLOSURE]

9/25/02/WSH/L

Mr. F.R.Upton,  
Stewartsville,

N.J.

Dear Sir:--

From September first, please charge to Thomas A. Edison,  
the salary which you paid to Mr. Herter, and keep this in effect  
until further advised.

Kindly render this memorandum bill at least once each  
month.

Yours very truly,

V.P.

one nulling

9/25/02/WSM/L

Mr. J. F. Randolph.

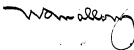
Dear Sir:--

To enable the Portland Cement Company to sell \$25,000. of Preferred stock at par, carrying three shares of Common with share of preferred, I have agreed to give to the Company, seven hundred and fifty shares of Common, and was to try and get Harlan Page to give the other seven hundred and fifty, which I have been unable to get him to do. It was agreed by Messrs. Edison, Pilling and Crane, in case Page would not come up, that they would give the 750 shares in the proportion they received the original stock.

Please have a certificate ready for Mr. Edison to sign on Monday next.

I cannot tell now the exact number of shares, as I am writing Pilling to-day. It will be 625, or possibly less. I will let you know on Monday.

Yours very truly,



V.P.



Am Bord

des Schnelldampfer „AUGUSTE VICTORIA“

den 2. October 1902

Hamburg-Amerika Linie.

M<sup>r</sup> E. T. Edison  
Orange  
N.Y.

*[Handwritten signature]*

Monsieur,

J'accompagne le mot de présentation  
qui on'a été remis par le Syndicat  
"Edison ore. Milking" de Londres, de  
cette lettre écrite à bord du bateau qui,  
selon toutes probabilités, arrivera demain  
soir à New-York.

Je ne compte séjourner que Samedi  
et Dimanche à N.Y et je désirerais  
cependant pouvoir visiter, avant  
mon départ, votre fabrique de Benicent

de Stewartville

Je dirige une fabrique de Ciments  
à la Havane et je serais heureux  
de voir si les nouveaux appareils,  
que vy venez d'inventer, peuvent  
m'être utile, pour le broyage du  
Portland, que je fabrique par  
l'emploi des fours fixes et des fours  
rotatifs - Je vous serais très obligé,

monsieur, de m'adresser l'au-  
sujet de la possibilité de vous  
faire une visite, Dimanche de  
prochain, lundi si dimanche  
m'y convient pas (dans ce cas  
là je retarderais mon départ  
d'un jour), un mot à mon  
hôtel à N.Y. -

Dans cet espoir, recevez, Monsieur,  
mes civilités empressées

*Stewartville*

M. J. M. Viéla just.  
Hôtel Lafayette - Beemport  
New York

JAY M. WHITHAM,  
(REGISTERED CIVIL ENGINEER AND MECH. ENGR.)  
CONSULTING ENGINEER,  
(STEAM AND HYDRAULICS.)  
807 GULLIFF BUILDING.

TELEPHONE 38-87 D.

PHILADELPHIA,

Oct 13, 1902

OCT 14 1902

Edison Portland Cement Co.

Orange N.J.

Gentlemen:--

Your Mr. D. Frank Bain's favor of the 10th inst to our Mr. Dunn has been handed me for reply.

We wish to thank you for your courtesy in offering the 500 h.p. Upright Tripple Expansion Engine, which has been used a total of about six months. Will you kindly advise me as to the make of the engine, and the floor space it occupies, and also as to the price for the same.

Thanking you for your favor, I am,

Very truly yours,

*J. M. Whitham*  
Consulting Engineer for

Vulcanite Portland Cement Co.

*Knabens*

*Proyher & Richmond & Pantin,*  
*Paris.*

*Base 10' 5" x 7' 2" 2 fly wheels extend 2' each side*  
*on Base*  
*making floor space 14' 5" x 9' 2"*

Wm. H. BULLINGTON,  
PRESIDENT.  
W. S. MULLERY,  
VICE-PRES.  
W. S. PALMER,  
TREASURER.  
TAMMIE L. CHASE,  
SECRETARY.  
THOMAS A. EDISON,  
CHIEF MANAGER.

1-11-1891--6 N.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

### Edison Laboratory, Orange, N. J.,

10/21/02/WSV/L

OCT 21 1902

Dear Mr. Edison:--

When you send down the samples of various kinds of clinker to be tested on the Hydraulic Press, please indicate the tests you desire, so there may not be any misunderstanding.

In thinking to-day of the point you made last night as to the yellow centers not making good cement, it occurred to me that it would be an interesting experiment if you would take a lot of these centers, dig them out, have the yellow insides ground to 200 mesh and then test it for tensile strength, setting, etc. Also do the same on the part of the clinker that is well burnt and this would prove whether there is anything in the theory and whether it is any advantage to over-burn it all.

Yours very truly,

V.P.

Thomas A. Edison, Esq.,  
Stewartsville,  
N.J.

*Done this once -  
Brown Centers are dead  
Edison*

HENRY VAN BEL  
1229 REAL ESTATE TRUST BUILDING  
PHILADELPHIA

Oct 25, 1902

W A Edison ~~Edison~~ 127 331  
Mchls Park n J  
J. S. L.

It is impossible to procure  
definite information as to the  
status of the Edison Portland  
Cement Co from any of  
the parties in interest in  
this City and I therefore appeal  
to you being assured that you  
will give me all information  
necessary

Respy Yours  
Henry Van Bel



30 BROAD STREET.

NEW YORK, Nov. 26th, 1902.

Dear Mr. Mallory:-

I thank you for your favor of 24th instant.

Mr. de Geoyen, Mr. Villard and myself intend to visit your cement plant within the next fortnight.

I shall make free to communicate with you beforehand concerning the matter, and make definite arrangements.

With regards from Mr. Villard and myself to you and Mr. Edison, I remain,

Yours, very truly,

*G. W. W. W. W.*

W. S. Mallory, Esq.,

Orange, New Jersey.

ALL CONTRACTS ARE CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL.

ESTABLISHED 1818.

CALVIN TOMKINS.  
120 LIBERTY STREET.

SOLE AGENT FOR  
THE NEWARK LIME & CEMENT MFG. CO.,  
OLD NEWARK COB PLASTER, CEMENT & WALL PLASTER.  
ALBERT MFG. CO.,  
HILLSBOROUGH CANADA PLASTER QUARRIES.  
TOMKINS COVE STONE CO.,  
CRUSHED STONE FOR CONCRETE & MACADAM.  
BONNER BRICK CO.,  
"SHAMROCK BRICK."

NEW YORK.

Dec 5, 1902

DEC 9 1902

Mr W. S. Mallory

Edison Laboratory,

Orange, N. J

Dear Sir:

As you request, I will arrange to send samples of our Hillsboro  
Gypsum to E. A. Darling, Stewartsville, N. J

Yours very truly,

*Calvin Tomkins*  
*GC*

12/9/02/WSM/L

Mr. Randolph:--

Mr. Edison leaves instructions to order six (6) boxes of 50 each of "Brunswick" cigars from Decker, charging same to his personal account.

These cigars are a premium to Mr. Damon of Stewartville, for getting out 46 tons of 81% chalk from the Blower House.

Have Decker express them direct to Damon, c/o Edison Portland Cement Company, Stewartville, N.J.

Mallory, V.P.

OK 12/9/02

30 BROAD STREET,

NEW YORK, Dec. 13th, 1902.

W.C.

Dear Mr. Mallory:-

Referring to my last note on the subject,  
I beg leave to state that business matters have  
so pressed upon the Holland banker who desired to  
see Mr. Edison's cement plant, that he could not  
spare a day for that purpose. He sailed this  
morning. He intends to return to this country  
some time next summer, and would then be happy if  
the same privilege would be extended to him.

Yours, very truly,

*G. Ulbricht.*

W.C. Mallory, Esq.,

Orange, New Jersey.

**Edison Portland Cement Company Records  
Corporate Files - Thompson, Robert H. (1902)**

This folder consists of letters from Robert H. Thompson to Walter S. Mallory. They relate primarily to company finances, the board of directors, visitors to Stewartsville, and meetings with Edison. Some letters deal with test runs at the Stewartsville plant and the development of Edison's storage battery, as well as the uses of cement and prospects for the cement industry. One letter concerns a South African inquiry about crushing machinery; another mentions a wager between Edison and Thompson involving cigars. There is also material pertaining to the personal affairs of Mallory and Thompson.

Approximately 40 percent of the documents have been selected.

HORACE H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAWNE,  
TREASURER.

MARTIN H. DAY,  
MANAGER.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENGLAND & LONDON, FRANCE.  
JULIE, GERMANY.  
SOLE OFFICES:  
"CORTEXA, BROOKLYN."

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

S

BROOKLYN, N.Y. Feb. 28, 1902

W.S. Mallory, Esq.,  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory:

I am in receipt of your two kind favors of the 26th and 27th inst. with enclosures, viz. the three battery units, letter of Mr. Roche, official report of fire test and assignment from Mr. Edison covering the right to \$5,000 bonds of the Battery Co. Thanks for your prompt attention to all.

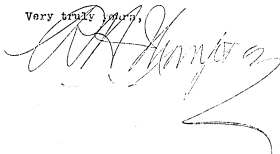
I do not fear that you will forget to notify me when I am to have that ride over the new batteries. I would like also to visit the plant where they are to be manufactured.

Probably it is as well that Mr. Edison does not make an appointment with Mr. Cannatt till after his return, when as we all hope, he will be in good trim.

Note the P.S. on enclosed clipping. How could any American answer that question, except in one way.

With kind regards,

Very truly yours,



ROSE H. THOMPSON.

HENRY D. MORRIS.

Thompson & Norris

110 to 34, Prince St.

Cable Address:  
CORTEZA.

G.

Brooklyn N.Y. 3/14/1902.

W. S. Mallory, Esq.,  
c/o Edison Laboratory,  
Orange, N. J.

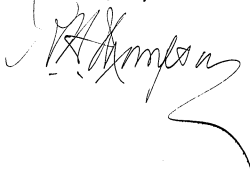
Dear Mr. Mallory:-

I am sorry to see by the newspapers that Mr. Edison's suit for infringement of his Biograph Patents has been decided against him. I hope the decision does not end it, and knock his claims against the defendant entirely out.

Mrs. Thompson said this morning that if you and Mrs. Mallory could make it convenient to come over and dine with us next Thursday (6P.M.) she would feel very happy in anticipation of a pleasant evening. For my part, I would enjoy the evening at home with you and Mrs. Mallory but Mrs. Thompson thinks it would be very "cheeky" to ask you to take all that trouble for so little, so if you can come (and if we can get seats at some good show) we may take it in; otherwise, you both will have to put up with our "chin music", such as it is.

Let me hear from you at your convenience, and oblige,

Very sincerely yours,



BKyn Apr 12/02

My dear Mr. Ballou

I was about to call you  
up on the same when it occurred  
to me that it was Saturday  
and that you probably were  
at the machine round the corner  
or flying through the air over  
the new featherweight battery,  
to enjoy which I have not  
yet had an invitation (i.e.  
a specific one) to even hang  
on behind. - But joining to  
the words: Have you tried  
it or weighed it on the balance.



and is it a "just measure"  
or was it found wanting?

I received some blue prints  
today from Mr Darling, which  
shows progress at the works.

Oh what fun we'll have when  
the "rocks" begin to fly - in the  
right direction. I wonder if  
Mr Mack is going to step and  
pay for his Geo Ref 1500 Comm  
or give it to me? I'd like to  
know. - ~~that~~ I hope Mr Dixon  
has returned safe & sound & that he feels  
as if he was walking on air.  
Give them my very best wishes also to your  
first family the same. Very sincerely  
yours  
R. H. Thompson

HENRIET H. THOMPSON,  
PRESIDENT.

HENRY D. NORMAN,  
VICE PRESIDENT.

EDWARD S. SHAMPEL,  
TREASURER.

MAISON H. DAY,  
BOOKSTAKE.

## THE THOMPSON & NORRIS COMPANY.

CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. PARIS & LYONS, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

EXHIBITS:  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL HYGIENIC EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. 4/29 - 1902.

W. S. Mallory, Esq.,  
Orange, N. J.

Dear Mr. Mallory:-

I beg to return voucher #4316 signed, with thanks for check.

I have spoken to a number of my friends about the visit of Mining Engineers on the 14th prox., and five have expressed a wish to go out to the works that day, if there are no objections which I do not suppose there will be. The gentlemen who wish to go are Mr. Henry B. Haigh Pres't. Telluride Reduction Co., Archibald Shennstone, Atty for the Telluride Red. Co., Jas. T. Haile, Sec'y Mfg. Asso. & Director in the Telluride Red. Co. and Mr. Somers, director Telluride Red. Co., Mr. Willard P. Reid, one of our stockholders and possibly Mr. Henry E. Barnes of New Haven, also one of ours.

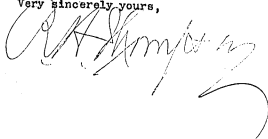
These gentlemen are all of good standing and of more or less influence in directions that might benefit us.

In thinking over our last meeting and the part taken by Mr. Page (who, it appears according to the agreement with Mr. Edison, received a large block of common stock) nothing would be more gratifying to me than to have the directors adopt the resignation which he offered to tender and elect Willard P. Reid in his place. Without wishing to criticize Mr. Page's attitude respecting the raising of funds, I cannot but feel that Mr. Reid would be a far more useful member. Independent of being a careful and successful lawyer, I know that he is in touch with moneyed men and I think from all I can see of the temper of the Philadelphia people, a little more New York blood would be no detriment to us.

If you think it would be of any use, I wish you would speak to Mr. Edison about this and greatly oblige,

With regards,

Very sincerely yours,



HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. SCHULZ,  
VICE PRESIDENT.

EDWARD S. SHAFER,  
TREASURER.

HAUGER H. DAY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

CONTRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. PARIS & LEZOUVEUX, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1897.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1885.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

G. CORTECA, BROOKLYN.

BROOKLYN, N.Y. 4/30 - 1902.

W. S. Mallory, Esq.,  
Orange, N. J.  
Dear Mr. Mallory:-

I enclose copy of a table I have made which according to my understanding of the contract with Mr. Edison, shows the royalty that will be due him with the cost ranging from 60¢ to 18¢ per barrel, and the selling price from \$1.00 up - to 30 to 40¢ down.

I wish you would look over it and if there are any errors, let me know that I may correct them.

What a lovely day this would be for a featherweight spin, but there will be others.

Sincerely,



[ENCLOSURE]

"C"-----COST

"S.P."-----SELLING PRICE.

"R"-----ROYALTY.

			C.	C.	C.	C.	C.	C.	C.
S.P.	1.00	up	30¢	54¢	48¢	42¢	36¢	30¢	24¢
R.			0	3¢	6¢	9¢	12¢	15¢	21¢
S.P.	90¢	to 1.00	34¢	40¢	42¢	36¢	30¢	24¢	18¢
R.			0	3¢	3¢	3¢	12¢	15¢	18¢
S.P.	80¢	to .90	48¢	43¢	35¢	30¢	24¢	18¢	
R.			0	3¢	3¢	9¢	13¢	15¢	
S.P.	.70	to .80	42¢	36¢	30¢	24¢	18¢		
R.			0	3¢	3¢	9¢	12¢		
S.P.	.60	to .70	35¢	32¢	23¢	18¢			
R.			0	3¢	3¢	9¢			
S.P.	.50	to .60	30¢	24¢	18¢				
R.			0	3¢	6¢				
S.P.	.40	to .50	24¢	18¢					
R.			0	3¢					
S.P.	.30	to .40	18¢						
R.			0						

HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD B. SHAPIRO,  
TREASURER.

MARTIN H. RAY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

### CONTRUGATED PAPER AND PAPER SPECIALTIES.

BRANDS WORKS:  
BOATON, MASS.  
HILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. PARIS & CADEUIL, FRANCE.  
JULIO, LOMBARDY.

CABLE ADDRESS:  
"CORTERA, BROOKLYN."

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL INVENTORS EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. May 2, 1902

S

My Dear Mr. Mallory:-

I hope the enclosed list wont knock you out. I think you said to make it large, for you probably would be out of many of the records selected.

If to whatever number you send, you would add a few blank ones, I shall be more than obliged,

Very truly yours,

To W.S. Mallory, Esq.,  
Orange, N.J.

*W.S. Mallory*

HOBERT H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MAURICE H. DAY,  
MANAGING.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS BROOKVILLE, INDIANA.  
PAPER FACTORIES:  
LONDON, ENGL., PARIS & LYONS, FRANCE.  
JULIUS SCHMIDT.

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

REGARDS:  
AMERICAN INSTITUTE, NEW YORK, 1927.  
INTERNATIONAL INSTITUTE, LONDON, 1925.  
EXPOSITION, UNIVERSITÄT, PARIS, 1925.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1922.  
EXPOSITION, BORNEO, 1922.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. May 8, 1902

S

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:-

I am obliged for your two letters of the 3rd & 6th inst., received on my return from Boston yesterday. I will do my best to get our friends together for the 15th, as that day appears to suit both you and Mr. Darling, but as I may not be able to do so, I'll call you up on the telephone and advise you in due time.

I cannot but feel that the most important step for the benefit of our company, will be the election of Mr. Reid in our board, and I hope Mr. Edison can be made to think so too.

I wish if you can even approximate, you would state how much money you think we shall need to complete the plant to 10,000 bbls. In my opinion, we ought to have \$500,000 and may be \$600,000, if we want to be easy as to working capital.

While of course we all want to stick together closer than brothers, I should like to feel that this end has a certain <sup>portion</sup> of Mr. Edison's sympathy and favor. He and you know our Philadelphia friends better than I, but to me they talk and act a little dry.

The statement of Captain De la Mars' Engineer is very interesting. I believe he is correct, and that what he said should not be considered as flattery.

Very truly yours,



HENRY B. THOMPSON,  
PRESIDENT.

HENRY B. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
MANAGING.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENGL.; PARIS & CALCEDELL, FRANCE.  
JALISCO, MEXICO.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEGALS.  
AMERICAN INSTITUTE, NEW YORK, 1893.  
INTERNATIONAL HYGIENIC EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1885.

G. CARLE ADDRESS.  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. 5/12/1902.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

I find that I cannot get my party together this week, owing to meetings and other engagements that require their attention. I shall try next week.

I enclose the notice of the death of Judge Reid, father of our friend Willard P. Reid. Look over it and know that his son is well worth such a father. Mr. Jenkins, Vice President of the Williamsburg Turst Co. said to me a few days ago, "In all my experience, I have never met a better all-around man - combining both legal and financial ability - than Willard P. Reid, clear, straight-forward and safe." This, I find to be the opinion of every one with whom I am acquainted who knows him.

I received on Saturday a telephonic message from Mr. Broadhead, Stewartsville, suggesting that we come out to the works on the 15th, but this - as you see - we cannot do. I shall write Mr. Darling to that effect.

I received the "Insurance Engineering" with an article on concrete factory building and was greatly interested in it. This concerns The Pacific Coast Borax Company - occupied for a year a factory in Brooklyn owned by my partner, Mr. Norris, and myself. During that time, they were building the works at Bayonne. I knew at the time that the factory would be of new construction but not being interested in cement or concrete, I had forgotten all about it. There are great things ahead of this business I feel very sure.

Very truly yours,

[PHOTOCOPY]

[ENCLOSURE]

## OBITUARY—LONG ISLAND.

Ex-Judge John R. Reid.

Babylon, L. I., May 18.—Ex-Judge John R. Reid died this morning after an illness of several months, at his home here, the Crescent, in his 87th year. The funeral will take place West Tuesday afternoon at 3 o'clock. He leaves a widow, who was Miss David of Poughkeepsie, and two children, Miss M. Leontia Reid and William Fleming Reid, the latter a well known member of the bar.

John Robert Reid was born at Riddells Island in Brookhaven Town, on February 8, 1826, and was the son of James and Alma H. Reid. James Reid was a native of Londonderry, Ireland, and came of Scotch-Irish ancestry. His wife was a descendant of the famous Tenthill and Hutchinson families, the early members of which were among the pioneers on the Long Island. In his infancy of Scotch-Irish and Puritan blood in no doubt, largely due Judge Reid's success in life. He early evinced a watchfulness of character and quickness of perception that left no room for doubt as to his ability to make his way in the world. Until he was 15 years of age he acquired only such education as was obtainable at the district school and by reading the few books possessed by his parents. He determined to study law, and in order to obtain money with which to support himself while studying taught school for several years. After reading for a year in the office of one of his then leading members of the Suffolk County bar, he was admitted to the Poughkeepsie law office, from which he graduated about the time he attained his majority. He was the private of his professors in Babylon in the early fifties and has ever since had an office here in a building on one in New York.

He soon built up an extensive practice and became known as a lawyer of much ability—efficient, as a pioneer and a safe counselor. Soon after beginning the practice of law here, Judge Reid purchased a controlling interest in the Suffolk Democrat, then published at Huntington, and removed the about to Babylon. He edited the paper with marked ability and made it a journal of much importance. During Judge Reid's ownership the mechanical and business management of the Democrat devolved upon Henry Livingston, who, in 1863, established the Signal here, the Democrat having in the interim been sold to a syndicate of North side capitalists who removed the office to Huntington, where it had come in Babylon.

In 1870 the young lawyer was elected county judge and surrogate of his native county, and discharged the exacting duties of the office with honor to himself and satisfaction to the citizen and the bar. When his term expired he declined to be a candidate for a re-election, although urged to do so.

After his retirement from the county bench Judge Reid resumed the practice of law, and continued it until his death. He became more than merely known as an attorney in criminal cases. For more than forty years Judge Reid was a member of the county court and in that time no a session of the County or Supreme Courts was held at which he was not present, and at nearly every session he was the attorney for some prisoner or defendant.

Throughout his life Judge Reid was a staunch friend of the public schools, and in the village of Babylon labored long and effectively in the cause of education. He served as trustee of the old common school for many years, was instrumental in securing the creation of the new free school district, and served for a long period as president of the board of education. He fathering of teachers was regarded as complete without his presence, and in such manner where he always took an active part.

He was active in the work of securing the location of the State Normal School at Jamaica, and served from the beginning as a member of the local board of managers, and for several years and at his death was president.

Judge Reid was not only a close student of the law, but also of literature, ancient and modern, and possessed one of the most extensive and well chosen private libraries in the country—comprising many thousand volumes, in which were included a number of rare and single volumes. His law library was also very extensive. He delivered a number of lectures, "The Philosophy of Language," "Haskell," "Life of Quilting Star" and several others. He was also a great lover of music, and was an accomplished violinist. He owned several very valuable instruments.

He was a member and past noble grand of Sampanna Lodge No. 104, L. O. O. F., and was for many years active in the Noble Order of the Elks, and was formerly a member of the Satin Club of Manhattan.

Few men in Suffolk County were more widely known than the deceased. He was cosmopolitan in his tastes, and delighted in mingle with all classes of men. He was always active in politics and was a prominent figure at Democratic conventions—town, county, district and state—and in 1890 was a delegate to the National Convention.

In 1811 Judge Reid, then a law student, was married to Miss Anna Maria of Poughkeepsie, who survives him.



New York Aug 26/  
02

My dear Mr. [unclear]

I received a very  
gratifying telegram yesterday  
signed "Edison" with three  
stars under the name.  
The despatch stated the  
result of the first run  
to be 62 miles on one  
charge. Which you

Know exceeded your most sanguine  
hopes, but which has nothing  
to do with my intention  
to correct you for forgetting  
the date of my gift.

I cannot think that Mr  
Edison, with my short  
personal acquaintance with  
him, could think of me  
enough to send me that  
long and very interesting  
program - especially as

would never do on account  
of my little understanding the  
subject of the gift.

I look at the gift, which is  
good. I feel that it is a  
gift of the heart, and I am  
very happy to receive it, and  
I am sure that you will  
be pleased to hear of it.

Embarrassed - I assure  
you - I could not take  
a hundred dollars for the  
despatch. For I would  
rather have it than a

Official invitation from  
King & himself to his "Ch."  
February 1894

I know you must be  
very happy and the world  
for I know the "infinitesimal"  
you feel in it. I'm happy  
too for I know my delight  
like it not for a day  
Have you any objections to my  
bringing the Coleman along?  
Truly yours M. M. M. M.

Now

If Mr. Edison did sign  
or even suggest that  
despatches come he  
is a natural born diplomat.  
For no one knows he amex-  
mightily near removing  
all embarrassment on my  
part by the playful ending  
of the despatches - "Kindness  
a bag of your best" etc.

and I could not wait  
to go to Paul and Liza's  
But got into a mine box  
on the way of an agent of  
the mine. I was told I was  
Yonder for them for they  
may be the Mrs. Mrs. Liza  
Barker. They may be both  
than the clerk said. for he  
looked to me like a liar.

The Barker

HENRIETTA H. THOMPSON,  
PRESIDENT

HENRY H. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAPIRO,  
TREASURER

MASTEN H. DAY,  
SECRETARY

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. PARIS & LILLE, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

TELEPHONE  
CABLE ADDRESS  
"CORTEZA, BROOKLYN."

BROOKLYN, N.Y. May 27, '02.

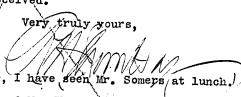
W.S. Mallory, Esq.,  
c/o The Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:--

Your two letters of yesterday in one enclosure, received, and I hasten to forgive you for that dispatch. Joking aside, it is about as I supposed it was, and I feel the compliment of being "on the list". I shall watch with genuine interest the results of all tests 'till we are on a uniform basis, and thank you for your promise to keep me advised.

My friend Mr. Somers, and his son, will I know, be glad of the opportunity to see Mr. White, and will, I have no doubt, go out very soon. You will remember saying that Mr. Randolph had sent my storage battery bond; it has not been received.

Very truly yours,



P.S. Since writing the above, I have seen Mr. Somers at lunch. He tells me that he saw Mr. Edison and Mr. White yesterday, and that his son had received the appointment he was so anxious to secure.

HENRIET H. THOMPSON,  
PRESIDENT.

HENRY H. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAW,  
TREASURER.

MAINTON H. BAC,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

SEARCH WORKS  
BOSTON, MASS.  
MILLS BRISTOLVILLE, INDIANA.  
FABRIC FACTORIES:  
LONDON, ENGL., PARIS & LA ROCHELLE, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL INDUSTRIAL EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION UNIVERSALE, BRUSSELS, 1895.

CABLE ADDRESS:  
"CORTEZA, BRUSSELS."

BROOKLYN, N.Y. May 28, '02.

Dear Mr. Mallory:---

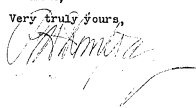
I feel a little conscientious about adding to your labors and those of the poor Carrier, but I must acknowledge your letter of yesterday with its good news re Storage Battery, and I congratulate not only those that are peculiarly interested, but all who must receive the benefits the battery will produce.

You will remember that I spoke to you of a letter I had received from Mr. Roche, the contractor and builder of the concrete Court House and Jail at Mineola, in which he, Roche had said that if Mr. Edison would come out and look over the buildings with him, he might get some ideas that he could turn to practical use. Well, replying to that letter I said that Mr. Edison might possibly try his new storage battery on the Long Island roads sometime in an Automobile ride to Mineola, and if so, I would give him notice to be on hand. To my letter I have just received the enclosed reply which, so far as I can see, agrees with the general opinion regarding the gasoline, kerosene, naphtha and steam carriages, all of which seem to have the call over the ordinary lead battery.

Thanking you for your letter, I remain,

Very truly yours,

W.S. MALLORY, ESQ,  
The Edison Laboratory,  
Orange, N.J.



Brooklyn May 30th  
Dear Mr. Bailey  
Saturday today is  
a holiday I went to  
the office and found  
your two letters of  
y-day. Both suit  
me exactly. The  
Enclosed letter from  
Chas. Car & Foundry Co.

might be filed with  
Siphent.  
~~constant~~ inquiries, for  
reference when we  
have some to sell.

I see you must be  
very busy from assembly  
in two of your re-battery  
and I don't want you  
to bother about that  
side till there is

a let up and you  
are good & ready.

Very truly yours  
R.H. Thompson



HENRY H. THOMPSON,  
PRESIDENT

HENRY D. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAPIRO,  
TREASURER

MARTIN H. DAY,  
SECRETARY

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG., PARIS & CALIGUI, FRANCE.  
DULIS, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL EXPOSITION, LONDON, 1883.  
EXPOSITION, UNIVERSSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. June 3, 1902

S  
W.S. Mallory, Esq.,  
c/o Edison Laboratory  
Orange, N.J.  
Dear Mr. Mallory:-

Your favors (2) of yesterday received, I shall be pleased to meet Mr. Pilling at Orange almost any day to talk over plans for the future. I am however, liable to be in Court one afternoon this week, but cannot now tell which. I think I shall know a day before, and if you can call me up about three o'clock any day, I shall be able to tell you if I can be on hand the next day.

I regret that Mr. Barnes feels obliged to decline to serve on the Cement Board. He says he has so many things on hand that it requires nearly all his time to attend to them, and he says he does not like to assume any further responsibility. It is probable if he accepted that he would be unable to attend the meetings except at odd times.

Mr. Reid is all right. In thinking over the number of members suggested, it is plain with nineteen members a quorum would be difficult and perhaps would be unwieldy.

Very truly yours,



ROBERT H. THOMPSON,  
PRESIDENT.

HENRY D. NOBLE,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
SECRETARY.

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LONDON, ENGLAND.  
PARIS & CAEN, FRANCE.  
JULON, SPAIN.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS  
AMERICAN INSTITUTE NEW YORK, 1881.  
INTERNATIONAL INVENTORS EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORNEAU, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. June 15, 1902

S  
W.S. Mallory, Esq  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory:

Mr. Reid asked me today when I expected the next meeting of the Cement directors to be held. I told him it was generally held between the 15th and 20th of the month. He tells me that he knows of nothing now to prevent his attendance with me next Wednesday, Thursday or Friday (18th, 19th or 20th) but the other days of next week would be very uncertain--Monday impossible.

I think if I could get Moses May and Mr. Reid to go out to Orange, and have a talk with you and Mr. Edison, it would be a good thing. If we can convince May of the safety of a large investment in the Cement 5B I think a loan of \$500,000 at least would be an easy proposition. He has a great respect for Mr. Edison, and I am sure he would take it as a great honor to meet him in his plain, honest, unaffected way. If on either the 18th, 19th or 20th, Mr. Edison and you will see us, I'll do my best to get them to come out.

Mr. Reid said he supposed the Certificate of Incorporation and By Laws gave power to the Directors to amend the latter, so that the number of Directors can be increased without authority of the stockholders, and I suppose this must be so. If you have some copies of the Certificate and By Laws, may I ask you for one, and to let me know by mail or telephone at your earliest convenience, about the proposed visit to Orange.

Very truly yours,

*W.S. Mallory*

HENRIET H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
SECRETARY.

*E. O. Hall*

## THE THOMPSON & NORRIS COMPANY.

CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
HILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. PARIS & CAEN, FRANCE.  
CHICAGO, ILLINOIS.

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1884.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

P  
CABLE ADDRESS:  
'CORTESA, BROOKLYN.'

BROOKLYN, N.Y. June 20, 1902.

W.S. Mallory, Esq.,  
The Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:--

I have spent an hour with Mr. Reid to-day and told him of the meeting yesterday, and his nomination as Director, subject to confirmation by the board in 30 days, and also of his appointment, among others, as a member of a committee of five to see what can be done towards providing the needful funds, to carry to its end the work on the plant as now understood.

Mr. Reid suggests that the fullest possible statement, as to amount already expended, and the amount that will be required to finish up and leave a respectable working balance, also as close an estimate of the time required to finish (as can be now made) be prepared. He thinks that some day during the week beginning July 6th, he can arrange with Mr. May, President of the B'way Trust Co., and Mr. Jenkins, President of the Williamsburgh Trust Co., to go out to Orange with himself and me, to get acquainted with Mr. Edison and yourself, and then to get Mr. Frank Jenkins, V.P. Williamsburgh Trust Co. to go with us to the works.

Mr. Reid feels confident that these gentlemen will get an impression from the Orange interview that will be of great service to us.

Of course it is too soon yet to count any chickens, but in case there may be any great hesitancy in putting the deal through, it has occurred to me that possibly we might make say \$500,000. of the bonds at option of holder convertible into the present treasury, Pfd. Stock within Five years. I simply suggest this, because as you know, there may be and probably will

W.S. Mallory, Esq.

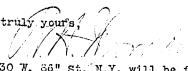
2

June 20, 1902.

be, insiders to whom this option would be considered an extra inducement while with others, the flat 5% bond would be considered preferable, because they stand on their merits alone. Of course no such proposition would be offered, or even hinted at unless it became evident that it would be necessary, and I would like to have (confidentially) Mr. Edison's views on the subject.

There seemed to be an opinion on the part of some of the Directors yesterday, that it would be better to make all the bonds convertible, but I think it would be bad policy to suggest it if they will go without.

In the statement kindly let me know the amount of preferred in the treasury, as I do not remember, although I have an impression that I heard once that there was a little less than \$500,000. i.e. less than 10,000 shares. I will be out of town all next week but will be back in time for the statement.

Very truly yours,  


P.S. A letter addressed to #330 W. 86" St. N.Y. will be forwarded.



The Occanside.

EDD. A. LESTON,  
PROPRIETOR.

Magnolia, Mass.

June 30/92

My Dear Mr. May

I have just received  
a letter from Mr. Quinn  
in which he states in effect  
that he understood that the Special  
Committee appointed at Worcester  
were to provide for the immediate  
requirements of the Company.

He also enclosed a copy of  
a letter you wrote him on  
26th. Your letter expressed  
my understanding exactly.  
I supposed the committee  
to be appointed to attend

to the bond matter - and  
I was taking my vacation  
while the date ~~was~~ is  
in preparation. If any  
immediate money should be  
needed I will have to return  
at once and see what I can  
do on my individual name.  
It was my intention to stay  
here all this week & become  
by Tuesday ~~pm~~ when I thought  
the statement would be ready.  
Write me if it becomes  
necessary to return sooner  
than I had fixed and will  
pay the sum.

Sincerely yours  
R. A. Humphrey



The Oceanside.

GEO. A. LITTON,  
PROPRIETOR.

Magnolia House

July 9/02

My Dear Mr. Mallory

It is my intention to leave  
here for home Monday. and I  
expect to be at my post Tuesday  
early. I have a letter from  
Mr. Rich in which he says  
that his friends will go to  
Orange. next week about  
any day. but he states that  
he has a case on Tuesday  
which will prevent him from  
going - but that Wednesday

he thinks he can arrange for  
As the case seems to be urgent  
I hope you and Mr Elison will  
be ready, so that things may  
be made clear to these people

The amount Reid says I say  
not forgotten thing at all  
I have another letter from Mr  
Pelling which mortifies me  
for it indicates carelessness  
in my part in not making  
plain to the board that  
my efforts as a member  
of the committee, according to  
my understanding, were to be  
towards getting the large  
amount of bonds later when



The Oceanside.

GEO. A. LITTON,  
ARCHTCT.

*Magnolia, Mass.*

Every thing should be ready  
I may possibly be able  
through individual effort  
when I get home, Tuesday,  
to raise enough to keep  
the Sheriff away for a time

I wish you would call  
Reid (Willard P. Reid)  
up on the phone Monday morning  
at 10:30 and arrange with him  
for Wednesday if possible  
I have written him that I



I would ask you to do this  
and if he gets my letter  
he will be at the phone  
at that hour if possible I  
know. - We are having very  
curious weather here - rain  
one day and bright sun  
shine the next - ever since  
I've been here -

Mrs. Hampton & son wish  
to be remembered to you

Mallory & sons etc.

Kind regards to Mr. Edison

Yours truly

R. A. Hampton



The Oceanside.

GEO. A. LYTTON,  
PROPRIETOR.

Nagasaki, Mass.

July 3/02

Hearsh and Ballou

(4689)

Broad.

I am just in receipt  
of your dispatch stating that  
the estimate must be ready  
Monday. I think you have  
written - I do thank you  
this morning I hope to be  
on deck Tuesday, and will  
try if I can get my party  
together to see you Wednesday  
It will be a big load off  
my mind if I can get  
three people to come to  
time and help us out

I feel quite satisfied that  
they can do what we want  
provided they find things to  
suit. I think Mr. Edgewood  
will have a great influence  
with them. I earnestly trust  
nothing of an embarrassing  
nature will occur in the  
mean time. But Mr. Edgewood  
appears quite agitated over  
the situation and I feel anx-  
ious over it too. But the 4<sup>th</sup>  
into Saturday & Sunday intervening  
makes it impossible for  
me to move more quickly.

Very truly yours

R. M. Humphreys



New York July 20  
330 West Eighty Sixth St.  
CSC

Dear Mr. Callahan:

I tried to get you on the  
telephone yesterday. But you had  
gone out. I wrote to you your  
kind note of July 18th regarding the  
the Automobiles & the streets  
which Mr. Elixon. I am quite  
glad of the momentary delay.  
I wish you would assure  
him that I ab-ford took

his suggestion as a joke  
and that he must not  
for a moment feel obliged  
to go that way, simply  
because I seemed to like  
him in earnest. I would  
like to go to the works with  
him of course and intend to  
go down while he is there  
next week but I would just  
as soon go by rail and  
indent money prefer it rather  
than put him to the least

annoyance. I would be a  
greatly to me to go on  
"de machine" but I would  
be a greater one if I  
were equipped with an  
"Essex" battery. I shall be  
at the factory next day  
and I will be home soon  
if you have occasion to see  
me up. I received back the  
blue print which I mounted  
for you. This was it returned?  
In having the whole set  
mounted for you. Yours  
W. H. H. H. H.

HENRIEY H. THOMPSON,  
TREASURER.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
SECRETARY.

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FOREIGN FACTORIES:  
LONDON, ENGL. PARIS & BRUSSELS, FRANCE.  
JULIER, GERMANY.

CABLE ADDRESS:  
"CORTEX," BROOKLYN.

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1893.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BRUSSELS, 1895.

BROOKLYN, N.Y. July 22nd, 1902.

H.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N.J.,

Dear Mr. Mallory :---

I have your kind favor of the 18th. inst. enclosing letter to Mr. Darling, June 27th, 1901, authorizing him to dispose of \$200,000 of the Preferred Stock of the company at par. Of course if I had known the circumstances, I could have bought from the company direct and saved the commission but it is too late now and we won't cry over the milk that is spilt.

I note what you say re. Mr. Edison's concession to the company and I feel sure he will be more than generous with it. The \$50,000 which Mr. Edison proposed to give to the Underwriters out of first royalties ought to be a very tempting inducement.

I am very sorry I shall not, after all, be able to go to Stewartsville to-morrow with Mr. Edison on the automobile. I had counted on it, but I have to go to Worcester, Thursday and I could not get back in time. I'd like to spend several days next week with Mr. Edison at the works and hope Reid and I can do so. I am sorry to hear of your illness.

With best wishes to Mr. Edison and yourself, I am,

Yours truly,

*W. S. Mallory*

Brooklyn July 25/02  
My dear Mr. Ballou  
I hope this will find  
you at the laboratory  
instead of at the "bookstore"  
where I learn you have  
gone for refreshment  
I called the laboratory  
this morning but the  
welcome voice did not  
respond. And I feel

bad because it did not  
satisfy me. I?

I am going to Babylon  
this P.M. to spend Sunday  
with Ed. - whom I have  
not seen since Wednesday

His last word with me  
was that the First Ea  
people were "very much  
interested" and that he  
was to have another "dinner"  
with them Thursday. - He  
does not promise

anything but he is not  
the man to promise and  
not make good.

I learn that Mr. Edison did  
not go to Sturtevant's last this  
week but expected to go next  
I want also to go next  
week. and will be glad  
to go with Mr. Edison in the  
Automobile, R.R., or a first  
class passenger.

I do hope dear friend  
that nothing serious is  
the matter. Mrs. Thompson



Send her regards and best  
wishes for your speedy recovery  
I heard from her today. The  
nurses are all  
Sincerely yours friend  
W. H. Symonds



The Oceanside.

CED. A. LITTON,  
PROPRIETOR.

Nagasaki, Mass.

Aug 7. 02

EBES

My dear Mr. Hallory.

I was glad this morning to receive your letter of 4<sup>th</sup> and by it to be assured that I may soon see you again.

I know you were at Gloucester but did not know at what hotel you were stopping otherwise would have surely made direct inquiry as to your health.

I have been down to the  
Cement works Rind & I and  
staid over night with  
Barling - Mr Edison was  
there and and I enjoyed  
him (so did Rind) greatly  
But he has to defer the

Question of making Cement  
for a while yet - Still  
I think if everything works  
as he expects we will  
have some late this month,  
maybe about the middle  
Rind feels quite sure about  
the money if we can demonstrate  
that we have a cement factory  
with facilities for turning out



The Oceanside.

GEORGE A. LIPTON,  
ENGINEER.

Magnolia, Mass.

good Portland Cement  
at a price which will  
show that under full  
headway we can make  
it at the figures named.  
My estimate + I believe we  
can. I am up here again  
but will return in time for  
the directors meeting which I under-  
stand will be called for the 15th  
Mrs Thompson has one + Rind's intention  
to Mrs Mallory + myself  
Sincerely yours R. H. Thompson

HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. STANTON,  
TREASURER.

MARTIN H. DALL,  
SECRETARY.

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LONDON, ENG., PARIS & LIEGE, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BRUSSELS, 1895.

P. CARL ADDRESS  
"CORTICA, BROOKLYN"

BROOKLYN, N.Y. August 20, '02.

*CCC*

W.S. Mallory, Esq.,  
The Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:-----

I am very sorry to hear of Mrs. Edison's loss, and hope you may be not only able to capture the thief, but recover all the property.

Mr. Reid and I went out to see the Palmer press yesterday, and saw a few blocks made. The whole thing is simple and quite primitive, but it shows very conclusively what a simple proposition concrete construction is now, or will soon become. Mr. Palmer was waiting for me in my office this morning, having called to tell me that he did not, for obvious reasons, explain all the merits of the invention &c. He evidently felt that he might give something valuable away. The circular sent you very well explains the machine and what it will do.

In our party was a Mr. Moyer, a very bright young man, perhaps 38 or 40 years old, and who designed an immense sugar house in Puerto Rico recently. From his description of the plant, it is to the sugar industry about what the Stewartville works will be when running full, to the Cement trade. I want you and Mr. Edison to meet him, for if I am not off my base, it is such men we want to know. He is a great advocate of Cement and appears to thoroughly understand it. He says there is no business to-day known to him, that has the bright prospects ahead that Portland Cement has. He used 9000 barrels in the sugar house referred to.

J.S. Mallory, Esq.

2

AUG. 20, '02

I start for Colorado with Mr. Reid to-morrow; will be back soon after the first of September, D.V.

I enclose clipping from the Wall St. Journal of yesterday regarding shortage of cement out West. I tell you Mallory, we are on a 'level Pike' with an Edison battery under us, in this business, and my great hope is that we shall be able to get the means to push the work straight on to the full contemplated capacity.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. S. Mallory", written in a cursive style.

HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

NATHAN H. DAY,  
SECRETARY.

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FOREIGN FACTORIES:  
LONDON, ENGL., PARIS & LYONS, FRANCE.  
BRUCK & CO., GERMANY.  
CAIRO, EGYPT.  
"CORTEKA, BROOKLYN."

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION EUROPEENNE, 1895.

BROOKLYN, N.Y. Sept. 8, '02.

W.S. Mallory, Esq.,  
The Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:-----

I have not seen Mr. Reid since I talked with you over the telephone but I am sure he will go out to the works with me, almost any day you say. I do not want to go and get roasted before the roasters are roasting, and will depend upon you to advise me as to when that will be.

Mr. Cassel, the inventor of the Bromine recovery process, which we are using in the Telluride Reduction Works at Colorado Springs, appears to be anxious to see the plant, and to have an interview with Mr. Edison relative to the use of some of the machinery in the So. African mines. Cassel is a Jew, but I am told by those who know him well, that he is a white one, and that he is well up in the art of Metallurgy, so far at least as regards the extraction of gold from the ore. I am informed he made the Cyanide process of extraction a success, and made a good deal of money out of it. I want to ask Mr. Edison for the privilege of taking Cassel out to see him; there may be something in it.

Cassel is still in Colorado, but may be here next, or even late this week. His headquarters are in London.

I enclose two coupons from Battery bonds. Will you kindly hand them to Mr. Randolph and say that I apologise for not sending according to his instructions.

Sincerely your friend,

HARVEY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAFER,  
TREASURER.

MAURICE H. DAY,  
MANAGING.

## THE THOMPSON & NORRIS COMPANY.

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BRANCH WORKS:  
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FOREIGN FACTORIES:  
LONDON, ENG., PARIS & CAEN, FRANCE.  
JULIO, SPAIN.

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION MONDIALE, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y. October 1st, '02.

W.S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:----

I am obliged for your two favors of 27th and 29th ulto.--on my desk when I returned this morning from Boston. Mr. Edison does not owe me any cigars; that was not the bargain. They were a voluntary offer from me as a premium for clinker last week, and I should have been very glad to have sent the cigars, but "men proposes, &c." so we will wait; for it will come all in good time, and I feel sure it will be astonishingly right when it does come--now you see!

I received a characteristic note from the 'King' while I was in Boston, and it shows him to be an artist with all his other accomplishments.

Reid and I are delighted with Prof. Meade's calculations, as compared with actual results. We suppose the slight difference will make no practical difference in quality. I note that both the calculation and analysis are low in silica, and high in lime, as compared with what I understood Prof. Meade's formula would be. This however, I presume can be easily regulated by pressure of a button if necessary.

I note the condition of the battery cells after the endurance test, and congratulate the stock-holders of the Company. The 'King' is very much alive, and long may he live.

You never forget anything, but you will pardon me I know, if

W.S. Mallory, Esq.

Oct. 1, 1902.

I remind you of the photograph, and can't you get the 'King's' autograph on the corner? Speaking of this promise our little Marion said this morning, "Papa, I'll save up and buy a gold frame for it".

I <sup>very</sup> <sup>much</sup> want you to ask Mr. Randolph if there is not another bond due me, not that I am in any hurry for it; I simply want to know that we agree. When the roasters begin to get onto their job, I'd like to go out with you again, if you can arrange it.

Sincerely your friend,

*W.S. Mallory*



Brooklyn Nov. 12. 02

Dear Mr. Hallory - (ECC)

Your kind favor of 4 - day  
received. I am very glad to  
see Mr. Edwins report of quality  
and uniformity - Gee! if we  
can get that always, our slogan  
in its Slogan will have no bounds.  
How a fellow can jabber when  
he knows he is right and telling  
good facts. - We all can constantly  
use the words "high quality and uniformity"  
It will be a big card.

You reminded I had your  
I send you a little booklet on  
Anoneta Machinery. Good I send for

I design like the one showing  
substantially more in the way.  
I am saving every thing I can,  
that gives any information on  
the subject of our all or none.  
I have no doubt on that point.  
For the last year we have thought to  
improve in the line of Machinery  
So a machine, not too bulky or  
expensive, could be made to feed  
and mix the sand, cement and water in  
certain exact proportions, I should think it  
would be an immense advantage, then  
with uniform cement and proportions we  
could well afford to place a perpetual  
guarantee on any work done with our  
Cement. If the cement prove out regularly  
as it has in the tests, our Cement

Continuing to write have to order a  
lot of signs. "Ginn Ireland Amers"  
"only sold within week" or something of  
the kind it will be a good thing for  
both. Some time when the season  
is coming around - try to think of some-  
thing to think of - want you ask him to turn  
his big delivery into the idea of  
a collection of a sort of "what  
within a week" if the amount for and  
see if he discovers anything feasible  
in it. Meyer says we would not  
need over \$200,000 to start with  
and he says he thinks we could break  
the Capital out of the earnings every  
year after the first - Schellbank  
for Indiana (Dr) on Friday P.M. - Expecting  
to be gone a week or ten days.

Sincerely yours R.A. Kinsley

Breakfast 400 100 05

Scarlett & Hallway / QCE

With my pencil again  
try to see your first letter of  
y-day - and say that my father  
to the 3000 m. could not be put  
to more than 1000 m. than you put  
thence you say 1000 m. or the ship  
is over and the ship gets back to  
old place (90%) that the loan will be  
put up. - Did you yesterday  
that my trip to India is put off on account  
of delay in starting certain machines which  
it is chief object of my trip to see running  
I received a dispatch Wednesday night to that  
effect.

HUGHES H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SEAMER,  
TREASURER.

MARTIN H. DAN,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
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LONDON, ENG., PARIS & LYON, FRANCE.  
JULIEN SCHMAY.  
SOLE AGENTS  
"CORTIS & BROOKLYN."

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTURE EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BRUSSELS, 1895.

BROOKLYN, N.Y. 12/9/02/RHT/P

W.S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N.J.

Dear Mr. Mallory:---

I suppose you received the clipping from the Brooklyn Eagle which I sent you. I mean the article on Concrete Construction, according to Harmon S. Palmer of Washington, D.C. The article is of course published in the "Eagle" as a notice to our friend Moses F. Palmer, who it appears, is now and has been working on similar lines for some time.

To me it hardly seems possible that at this late day, or even 1899, a valid patent could be obtained on a hollow concrete block per se as I understand this man now claims. It does not seem to me that the advantages of the hollow block can be new. One thing I believe to be certain, and that is that neither of these Palmers overstate, or over-rate the importance of this method of construction, and I only wish the Chief had the time to think of this part of the general scheme.

If we start a construction company to use and advertise the Edison Cement, and incidentally make a lot of money, it would be mighty annoying to be hampered at every step by so-called patents, covering methods which would occur to almost any one.

If I were the sole owner of a construction company, organized for the purpose of furthering the interests of Portland Cement, I would consider patents of this character only valuable so far as they would keep others from tying a business up, or demanding a royalty from what

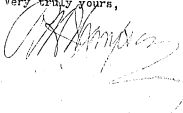
W.S. Mallory

2

12/9/02/RHT/E

ought to be free to the users of cement. I would in such case, grant  
free license to any one who would use my brand. In that way I think  
patents might be made very valuable.

Very truly yours,



P.S. I will send Pilling 15 M-  
tomorrow, the mortgage having  
been paid today. R.H.

**Edison Portland Cement Company Records  
Corporate Files - General (1903)**

This folder contains correspondence and other documents relating primarily to company finances, publicity, and activities at the Stewartsville works. Many of the letters are to or from Edison, Walter S. Mallory, and John F. Randolph. Included are several items concerning the explosion and fire of March 2, 1903, at the Stewartsville works, as well as the death and funeral of engineer Edward A. Darling. Also included are letters of introduction written on behalf of Dr. Müller, managing director of the Adler Cement Works in Berlin, and Gustav Dyckerhoff, a cement manufacturer from Frankfurt am Main. A few items deal with a die-sinking machine invented by George Perrott, a former employee of the Edison Portland Cement Co. Some of the documents pertain to the dryer and fine grinder plants at Stewartsville. There is also correspondence concerning competitors; Edison's briquetting machine; and vendors of equipment and supplies, including the Edison Phonograph Works. One letter relates to a factory girls club in Orange.

Less than 5 percent of the documents have been selected. The unselected material includes daily reports on the condition of motors, blowers, and elevators from the period December 1902-March 1903.

T. C. MARTIN.

Editorial Rooms

W. D. WEAVER.

**ELECTRICAL WORLD**  
**AND ENGINEER**  
114 LIBERTY ST. NEW YORK.

JAN - 8 1903

*Return May*

W. S. Mallory, Esq.,

Edison Laboratory,  
Orange, N. J.

My dear Mallory:-

I have succeeded in digging up an old number of the issue of January 1900, containing the popular vote on electrical celebrities in our paper. I am sorry the paper is not in better condition, but I had quite some trouble digging this one up, as that issue went out of print very quickly.

I have mailed you the paper to-day at noon and hope you will get it promptly, but have my doubts, owing to the frightful delays in the mail.

My associate, Mr. W. D. Weaver is building a house at Englewood and would like very much indeed to buy some of Mr. Edison's cement for that purpose and for two reasons, one sentimental and the other practical. The sentimental point is that Mr. Weaver would like to be able to boast that he used Edison cement in building his house, the other is that by buying direct he believes he could save something on the order. He says he would need about 75 barrels. If this goes all right, I shall be glad if you will let Mr. Weaver have direct quotations on the cement, as he would like to have it sent straight from the work to his ground at Englewood.



No.2. W.S.M.

I am glad to know that the battery is coming along in good shape and that we shall soon be in a position to say something about it.

Believe me with regards and best wishes for the new year.

Yours truly,

A handwritten signature in cursive script, appearing to read "T. Mather".

January 2, 1903.

T. G. MARTIN.

Editorial Rooms

W. D. WEAVER.

**ELECTRICAL WORLD**  
**AND**  
**ENGINEER**  
114 LIBERTY ST. NEW YORK.

W. S. Mallory, Esq.,  
Edison Portland Cement Works,  
Orange, N. J.

Dear Mr. Mallory:

I am much obliged to you for your kind letter with regard to the cement article received this morning and hope it will do some good in directing attention to Mr. Edison's work in this field.

In case you may not have seen it, I am sending you under separate cover a pamphlet just issued by the U. S. Geological Survey devoted to the cement industry. There are some very interesting details in it.

Yours truly,

*T. C. Martin*

January 2, 1903.

THOMAS A. EDISON, President.

JOHN F. RANDOLPH, Secy & Treas.

W. E. GILMORE, General Manager.

## Edison Phonograph Works

*Orange, N.J.*

Feb. 18, 1903.

Edison Portland Cement Co.,

W. S. Mallory, Esq., Vice-Pres.,

Orange, N. J.

Dear Sir:

I have your letter of the 17th, submitting a number of papers regarding the prices to be charged for the motors that we furnished to your company. The proposition which you submit to us, of our accepting \$32,500.00 for the motors, plus \$5,000.00 for the dust-proof apparatus, was not satisfactory to me and I took the matter up myself this morning with Mr. Edison, and after a full discussion it was decided that we shall bill the Edison Portland Cement Co. for the motors and dust-proof apparatus at the net sum of \$40,000.00, charging them \$35,000.00 for the motors, being the prices as quoted by the General Electric Co., plus the \$5,000.00 for the dust-proof apparatus. Even at these prices we lose money on the proposition. I want to say here, and to put on record the fact that this has been a very losing contract for us, and I regret very much that the data could not have been furnished me before, as I should have liked to have gone into the matter very much more in detail had I the time to do so before Mr. Edison left for the South.

In accordance with the arrangement made with Mr. Edison, we shall therefore charge forward the goods at the prices above indicated.

Yours very truly,

*W. E. Gilmore*

WEG/IWW

General Manager.

THOMAS A. EDISON, President.

JOHN F. RANDOLPH, Secy & Treas.

W. E. GILMORE, General Manager.

## EDISON PHONOGRAPH WORKS

*Orange, N.J.*  
Feb. 25, 1903.

W. S. Mallory, Esq.,

Stewartsville, N. J.

Dear Sir:

I have your letter of the 24th, asking us to make up 100 brush-holders for the 50 H. P. motors and 200 brushes of the other size which are used on the 5, 15 and 25 H. P. motors. I have just wired you in reply as follows:

"Tools and patterns for brush-holders and brushes shipped Stewartsville. We are overloaded with our own work. Employees doing this work no longer with us; would prefer that you arrange to make such brush-holders and brushes as you desire yourselves."

After consulting with Mr. Weber I find that all of the tools and patterns have been shipped to Stewartsville. We are simply overloaded with our own line of work and employees that were on this class of work are no longer in our employ, so that we would have to break in new ones to do the work. In view of this fact, I am firmly of the opinion that you can make what you require with your own help very much quicker and to just as good advantage as if we were to do the work for you. However, the principal reason why we cannot help you out at this time is that we are crowded with our own work, and I have not facilities at the present time to produce the apparatus to fill orders for phonographs, etc.

Yours very truly,

*W. E. Gilmore*  
General Manager.

The Gilmore was obliged to  
leave New York for the  
Edison Phonograph Works.

WEG/TWW

TELEGRAM

3/7/03/WSM/L

Mr. Thomas A. Edison,  
Fort Myers, Florida.

Telegram received. Herter leaves to-day for Fort Myers-  
arrive Monday night. Darling probably not disfigured. One more  
death, rest probably recover. Loss will be less than Fifteen  
thousand dollars.

(Signed) W.S. Mallory.

Chg. G. P. C. C.

132

WM. H. BULLOCK, PRESIDENT.

W. H. BULLOCK, VICE-PRESIDENT.

W. H. BULLOCK, SECRETARY.

THOMAS I. CHASE, TREASURER.

THOMAS A. CHASE, CHIEF CLERK.

# THE EDISON PORTLAND CEMENT CO.

GENERAL OFFICE: GILKARD BUILDING, PHILADELPHIA, PA.  
ORANGE OFFICE: EDISON LABORATORY, ORANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. March 10, 1903.

IN RE

Mr. Geo. Alexander Elliott,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Elliott:-

Mr. Darling desires me to write you and thank you and Mrs. Elliott for your kind letter and good wishes. He is unable to dictate at present himself but hopes to be able to do so in a week or two.

We think he is getting along as well as can be expected from the extent and serious nature of his burns.

Yours very truly,

*W. H. Bullock*

one calling

Telegram

March 15, 1903

J. A. E. Dr. Myer

Dating this at 2 o'clock this  
morning. Funeral Monday.

Randolph

600

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**  
 23,000 OFFICES IN AMERICA. INCORPORATED CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending office or corporation, and the Company will not and cannot insure for errors or delays in transmission or delivery of messages beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the receipt of the message by the Company for transmission.

This is an UNRECEIVED MESSAGE. See it returned by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

NUMBER 56	SENT BY RM	RECEIVED BY JAN 14 1903	OFFICE JAN 14 1903
RECEIVED at		ORANGE, N. J.	
Dated	H Meyer Ha		Mch 16 1903
To	102 Mallory		

Please order flowers for me  
 and telephone Reid and  
 Sinton to attend if possible  
 R H Thompson



*for mailing*  
Wm. H. Sullivan,  
PRESIDENT,  
W. S. Mallory,  
VICE-PRES.,  
W. S. Felling,  
TREASURER,  
THOMAS I. Gandy,  
SECRETARY,  
THOMAS A. Edison,  
GEN'L MANAGER.

5-13-ENR-5 H.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J., 3/17/03 WST

Dear Mr. Edison:

Yesterday Mr. Randolph telegraphed you announcing the death of Mr. Darling. The funeral takes place Tuesday night from New York City. The works are closed until Wednesday. I have arranged with Mason to meet me on Wednesday morning and will go into details with him.

Today I placed order for one #7 Ball Mill at \$2050 and one #16 Tube Mill at \$2950 with the F. D. Smidt Co. The tube mill they will ship at once; the ball mill they will ship in about two weeks. I learned that to get the best results and a uniform fineness, it will be necessary to have a hopper between the ball mill and the tube mill. This will somewhat disarrange the plans as outlined by Mr. Herter. The representative from the Smidt Company said with <sup>out</sup> the hopper to give even feed the results in fineness varied if the feed was not regular.

Have also arranged for the engineer of the Smidt Company to go to Stewartsville on Thursday and go over the matter on the ground with Mr. Herter.

Yours very truly,

W. S. MALLORY.

Mr. Mallory was obliged to leave before signing the above letter dictated by him.

Mr. Thos. A. Edison,  
Ft. Meyers, Fla.

*OK meeting*  
Wm. H. BREWER, JR.,  
PRESIDENT,  
W. E. HALLAM,  
VICE-PRES.,  
W. E. PALLO,  
TREASURER,  
THOMAS I. CHASE,  
SECRETARY,  
THOMAS A. ZIMMER,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

GENERAL OFFICE:  
GIRARD BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

5-11-1901-3 N.

Edison Laboratory, Orange, N. J., 3/17/03 "311P."

Dear Mr. Edison:

*file*  
I telegraphed you yesterday morning " Have had talk  
"with representative B. F. Sturtevant Company, who says would like  
"very much to sell us coils and fan, but advises strongly against use  
"steam dryer for soft coal. They have experimented with it on coal  
"as wanted to get into the business, but were not successful. State  
"no trouble to dry down to four or five per cent moisture, but very  
"difficult and takes long time to get moisture down low enough.  
"Also says Castalia Cement Co, Sandusky, Ohio, built three different  
"steam dryers for coal and finally had to abandon them all because  
"would not do the work. What shall we do? Answer." Which now  
beg to confirm.

I telegraphed you last night " Find steam dryer at  
"Sandusky plant was made of shell like our dryer with steam pipe  
"through center. Shell revolved and steam pipe remained stationary.  
"Another dryer had steam pipes spirally inside of shell and pipes  
"and shell revolved with coal on top of pipes. Still another had  
"double row spiral pipes inside shell, but did not give heat enough.  
"Jefferies Manufacturing Co. make dryer of screw conveyors  
"surrounded with steam pipes. Say would not sell to dry coarse soft  
"coal; only good for finely powdered coal. We are going ahead with  
"plans of dryer awaiting your final decision, and merely send this  
"information so you may be posted. Will telegraph further information  
"if get any." Which now beg to confirm.

WM. H. DUNLAPSON,  
PRESIDENT,  
W. S. HALLORY,  
VICE-PRESIDENT,  
W. S. PALIN,  
TREASURER,  
THOMAS L. CRAIG,  
SECRETARY,  
THOMAS A. EDISON,  
GEN'L. MANAGER.

GENERAL OFFICE:  
GRAND BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

## The Edison Portland Cement Co.

Edison Laboratory, Orange, N. J.,

Mr. Thos. A. Edison

#2

3/17/03

You will note from the above I am trying to send you all the information I can get together regarding dryers as feared after the conversation with the Sturtevant representative that it would not be wise to do this as he was so positive in his suggestions. As near as I can get at it, the fault with the steam dryers is that probably they would not give high enough temperature to dry the moisture out of the coal unless the coal has been finely ground before hand.

Yours very truly,

W. S. HALLORY.

(Mr. Hallory was obliged to)  
(leave before signing the above)  
(letter dictated by him).

Mr. Thos. A. Edison,

Ft. Meyers, Fla.

Form No. 44.

# **NIGHT MESSAGE.** **THE WESTERN UNION TELEGRAPH COMPANY.**

21,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on condition of paying the fee, which is assessed by the sender of the following message. Errors can be avoided against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delay in transmission or delivery of the repeated Night Messages, sent in reduced rates, beyond a sum equal to the amount paid for transmission; and in any case when the claimant has presented in writing within thirty days after the message is filed with the Company for transmission, and in any case when the claimant has presented in writing within thirty days after the message is filed with the Company for transmission, and in any case when the claimant has presented in writing within thirty days after the message is filed with the Company for transmission.

ROBERT G. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
9	Ch	Collect	

RECEIVED "4 Feb 7 190

Dated "4 Feb 7 190

To "S Mallory

I am certain dryer will be back  
 Coal long under heat at start want failed because  
 Condition improper gas coal has little internal  
 capacity for heat am opposed to any temperature  
 higher than three hundred as by dependent  
 on man for regulation too many things can

Form No. 44.

# **NIGHT MESSAGE.** **THE WESTERN UNION TELEGRAPH COMPANY.**

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ROBERT G. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK

RECEIVED "4 Feb 7 190

Dated "4 Feb 7 190

To "you can erect quickly and test it

will take full responsibility

Edison

Form No. 44.

# **NIGHT MESSAGE.** **THE WESTERN UNION TELEGRAPH COMPANY.**

INCORPORATED  
 21,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

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ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
5th	M	W. H. H. H. H.	

**RECEIVED**

Dated *Lat. N. Y. Fla. 17* *Ms 15* 190  
 To *W. H. H. H. H.*

*I suppose mentioned are  
 absurd and would have no capacity have  
 struts and guarantee sufficient pipe  
 surface that with say thirty pounds  
 steam pressure it will maintain temperature  
 of four thousand cubic feet air per minute*

Form No. 44.

# **NIGHT MESSAGE.** **THE WESTERN UNION TELEGRAPH COMPANY.**

INCORPORATED  
 21,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

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ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK

**RECEIVED**

Dated *above two hundred and twenty or there* *Ms 16* 190  
 To *about when you see the pipe required you  
 will not wonder at failing other design have  
 Warren do figuring for you own design is all  
 right and immediately by mail I went to look  
 at my house*

*Edison*

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**  
INCORPORATED  
23,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors only by parties against whom no receipt is made, and the Company will not hold itself liable for errors or omissions in transmission or delivery of telegrams or messages, except the amount of tolls paid thereon, nor in any case where the claim has not been presented in writing within sixty days after the message filed with the Company for transmission.

ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
54	W. S. M.	33 Collect	422

RECEIVED at NEW YORK NY Telephone 39. 190

Dated 11 May 44

To W. S. Mallory

Mr Edison's stomach is in bad  
state again persuaded him not  
to go to Mr Dayling's funeral  
Send one of Thorby's handsome  
wreaths in our joint name

Form No. 1.

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INCORPORATED  
23,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

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ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK

RECEIVED at NEW YORK NY Telephone 39. 190

Dated

To

and appropriate telegram  
of sympathy to family  
Mrs M Edison

Saturday 4-1/10 to Mr  
Monday 13-10 to Mr  
Mr. Haller & Mr. Haller

Get Change -

My dear Mr. Mallory -

Mr. Cushing's kind  
note of introduction, enclosed,  
suggests the reason for my  
writing you: and I will ex-  
plain further as briefly as  
possible.

Several young ladies of  
my acquaintance have

Less working with factories  
girls for some time ~~two~~ in  
connection with a club at the  
Orange Bureau of Associated  
Charities, and one as a resident  
worker of the Orange Valley  
Social Settlement.

In the work of Miss Comstock  
and the Nurses' Work there  
seem to have found a need  
for a place where girls, working  
all day, and living on cold  
lunches, may get <sup>their</sup> lunches.

and perhaps my a set of the system.  
He has talked over the plan of starting such  
a rest room among ourselves, and with Mrs.  
Cushing and Mrs. P. J. Brown, and think it  
might be feasible.

But before doing anything it has seemed  
wise to consult with some one in authority at  
a factory as to the real need of such a thing, etc.



The purpose of my note is to ask if you will allow  
us to talk with you about the plan.

We will gladly suit your time and con-  
venience as to place of meeting you; perhaps we  
could come to your office some morning.

We will consider it a favor to talk to you.

Yours very respectfully,

(Miss) Mary R. Foster

March 28, 1903.

28 Niagara Place.

East Chicago, Ind.

[PHOTOCOPY]

0-4  
4/13/03/WSH/L

Mr. Devonald:--

Mr. Darling's people are taking away from the house at New Village all his pictures, leaving the walls bare. We have stored in the Laboratory at various places, a lot of odds and ends in the way of mechanical pictures. Anything not in use, please ship to us at New Village.

W.S. Mallery, V.P.

**F. W. THURSTON & Co.**  
MANUFACTURERS AND IMPORTERS  
29 & 31 River Street.

Cable Address: Thurston, Chicago.

6-25-05. 1011.

APR 16 1905

Mr. W. S. Mallory,

Orange, N. J.

CHICAGO, Apr. 14, 1905. 189

My dear Abe:

Although I returned from Mexico two weeks ago, I have not, on account of pressure of business, had the opportunity to write you at an earlier date.

When I left Chicago, my plans were, as advised you, to return by New York; but the trip was a hard one, very exhausting on account of the rapid time I made, high altitude & etc., and to be frank with you, I was in such a dilapidated condition that I did not feel equal to it.

I spent the entire time of thirty days on the cars, except five days at a hotel in the City of Mexico.

It is a very interesting country to visit, either in winter or summer, the temperature the same all <sup>year</sup> around and most equable in the world, and this with the history, customs, and habits of the people, fully repays one for the time and money spent there. The thing absolutely necessary however, is to remain indoors from 1.00 to 3.00 Mid-day, as the Mexicans say, or you will leave your bones in Mexico: mornings and evenings are delightfully cool.

I will tell you more about the trip, however, during the summer, when I hope to be in the East for a little while.

I forwarded proxy giving you my vote at the meeting of the Cement Company. Regarding the accident at the works you refer to, I know nothing of it except what I heard from you, and if you happen to have an account of same convenient, wish you would forward same to me.

Mrs. Thurston wishes to be remembered, and with regards to Mrs. Mallory and the family, I remain,  
Dist. F.W.T.

Very sincerely yours,

*F. W. Thurston*

Wm. H. Belgrave  
PRESIDENT  
W. B. Mallon  
VICE-PRES.  
W. B. Fulton  
TREASURER  
Thomas I. Cook  
SECRETARY  
Thomas A. Edison  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia Apr. 16, 1903.

Mr. Thomas A. Edison, Gen'l Mgr.,  
Orange, New Jersey.

Dear Sir :

Mr. Shelmerdine has handed us the enclosed statement of account. Will you kindly see whether it agrees with your books? You will observe that the total amounts to \$96,915.52. Some papers will have to be prepared to consummate the transaction. Have you any suggestions to make on this point? Messrs. Pilling & Crane will also have to sign off their interest. We suggest that you shall get all the papers together and arrive at some basis on which the transaction can be consummated. Mr. Shelmerdine thinks that if the amount could be reduced to an even sum, say \$85,000, future transactions would be easier than if dealing with odd fractions.

You will observe that the calculation has been made to May 1st so as to obviate the necessity of making supplementary calculations.

Yours very truly,

*W. B. Pilling*

Treasurer.

W.S.P.  
ENCL.

*I bought one tenth of S interest  
in the Invitations - of which he owns a 1/4  
+ agreed pay for the 1/10 of his 1/4 - cash he paid  
with interest at 4% p. a.*

## [ENCLOSURE]

Interest Account with Thomas A. Edison. May 1st 1903.

Payments.	Date.	Sub-line	Interest
	1897		
✓ 25.000	Dec 30	4.400 1mo 0 days	\$6.125 1
✓ 25.000	Apr 20	4 0 10	6.041 67
✓ 25.000	Aug 27	3 11 1	5.877 16
✓ 1559.73	June 22	3 10 8	3.600 1
✓ 761.77	July 5	3 7 25	1.746 0
✓ 727.15	' 31	3 7	1.635 74
✓ 655.73	Sp. 7	3 7 21	1.432 71
✓ 1,707.07	Oct 17	3 6 12	3.621 16
✓ 1,017.24	Nov 20	3 5 10	2.102 57
✓ 1273.71	Jan 12	3 3 18	2.522 0
✓ 477.56	Feb 8	3 2 22	925 7
✓ 469.66	Dec 1	3 2 0	892 1
✓ \$83,652.21		a 6%	19,594.55 1
		off 1%	6.131 62
		a 4%	\$13,263.26
Advances			
Interest.			
		\$13,652.26 1	
		13,263.26 1	
		\$96,915.52 1	
96,915.52			
9691.55			
87223.97	May 1-1903		
<p>10 96,915.52</p> <p>\$96,915.55</p> <p>As per agreement dated May 1-1903-</p> <p>between M. J. Shubert and Thomas A. Edison</p>			

Wm. H. HUGHESBROOK,  
PRESIDENT.

W. H. MASON,  
VICE-PRESIDENT.

W. H. PILLAGE,  
TREASURER.

THOMAS E. CRAIG,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

# THE EDISON PORTLAND CEMENT CO.,

GENERAL OFFICE: GRAND BUILDING, PHILADELPHIA, PA.  
GRAND OFFICE: EDISON LABORATORY, ORANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J.

May 6, 1903.

IN RE:

Mr. J. F. Randolph,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Beg herewith to enclose photographs and letter from J. Miller,  
kindly look out for the following:

Blueprints: Mr. Edison gave the original maps to Louis Ott  
to have him trace. Soon as prints are made please send two sets to John  
Miller and put the third one on Mr. Edison's desk. Please put the en-  
closed report with the other papers received from Miller.

Assays: Please direct Hurtherington to make assays of samples  
307 and 308 soon as received, sending results to us here, also duplicate  
to Miller.

Yours very truly,

W.S.M.

ENCLOSURE:

V.P.

Wm. H. SCHMIDTKE,  
PRESIDENT.

W. B. MALLORY,  
TREASURER.

W. B. FILLIAM,  
MANAGER.

THEODORE I. CHASE,  
SECRETARY.

THOMAS A. BROWN,  
DEPT. MANAGER.

# THE EDISON PORTLAND CEMENT CO..

General Office: GIRARD BUILDING, PHILADELPHIA, PA.  
Orange Office: EDISON LABORATORY, ORANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. May 8, 1903.

IN RE

Mr. J. F. Randolph,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I beg herewith to hand you memorandums from Mr. Edison. He wishes 4-letter typewritten and then given to him so he may fill in the sketches.

As heretofore please make carbon copy. He also says that hereafter in all of these letters of explanation, to send by Registered Mail, keeping the register receipt <sup>then send</sup> attached to the carbon copy.

Yours very truly,

W.S.H.

*Wm. H. Schmidtke* V. P.

ENCLOSURE:

T.C. MARTIN

Editorial Rooms

W.D. WEAVER

**ELECTRICAL WORLD**  
**AND ENGINEER**  
114 LIBERTY ST. NEW YORK.

100-225 305

Mr. W. S. Mallory,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:

I regret very much that my hopes have been disappointed in using Edison cement for my house. My interest in Edison cement, however, has not become any less, and at the risk of being considered presumptuous I wish to offer a suggestion concerning its introduction, which is the result of experiences I have recently had with builders and masons.

In my house I wished to use Portland cement wherever possible, but on the part of the builders and masons I found a disinclination to adopt my ideas. This appeared to be due almost entirely to a reluctance to depart from past practice, <sup>in which they had been trained,</sup> for all acknowledged that some day Portland cement would probably displace Rosendale cement and mortar almost entirely.

I was surprised to find the lack of confidence existing, even among those who frequently use some Portland cement, as to the manner in which it should be worked--that is, the proportions of cement and sand for different uses. In one case I was told that for foundation work the proportion of 5 to 1 was sufficient, while in another case a mason thought that for best results a proportion of 2 to 1 should be used. The mason who will cement the cellar floors asked me if I wished to use 3 to 1 or 2 to 1



W.S.M. --- 2.

for facing, saying that some masons use one proportion and some the other, while again others finish off with neat cement. I wished the bricklayer to lay up all bricks in cement, and for this purpose supplied all of the cement. I found, however, that he only laid the outer course in cement and then mixed with it lime; and laid the inner courses in ordinary mortar, though this was to him an additional expense. At first I endeavored to get an estimate on laying up the foundations with cement concrete, but found no mason who would undertake this.

In watching the masons use cement for the foundations, it appeared to me that they had little confidence in their knowledge of the material, as sometimes it was mixed too stiff and at others times not stiff enough; and in cementing the outer face of the foundation, at some places the cement would be laid on very heavily and in other places quite thin.

These experiences led me to think that there is a great field for education in the use of cement, and I think that a manufacturer who would get up an educational programme for builders and masons would be greatly benefited through the incident advertising. What I have in mind is somewhat as follows:

A pamphlet giving concise directions for the use of cement in all building operations, with specific information concerning proportions, method of mixing, method of applying, etc. A page of the pamphlet might be devoted to each use, as it would perhaps be beyond the ordinary mason seeking for information on a specific use, if he were required to select the information

W.S.M. --- 3.

which he needed for his case from a general article on the use of cement; it is true this would involve considerable repetition, but this form of information would probably be looked upon by the worker <sup>as most practical.</sup> A page <sup>could</sup> might thus be devoted to cement floors, concrete foundation walls, laying stone walls in cement, concrete moulded buildings (with drawings of moulds), cellar cement plastering, the use of Portland cement in planting iron fence posts, making pavements and walks of cement, etc., etc. Full commercial benefit might be obtained from such information by always prefacing cement with the word "Edison" in the directions, in which case the user would be deterred from applying the directions to any other than that cement. At the end might be given an easily read account of the theory of cement, together with data as to strength, and perhaps a simple method of testing the strength of cements.

Such information could be prepared by an expert in cement, and one I have in mind is Mr. Harry Meyer. Before use, <sup>the directions to a practical worker for best, then</sup> however, it would be desirable to submit all the matter to an expert in advertising writing that he might condense and clarify it.

As to subsequent execution, it would seem desirable to secure from an advertising expert, such as Charles H. Bates, a plan of campaign--that is, to arrange for a sequence of communications to users of cement, one to accompany the pamphlet, another to follow, referring to the pamphlet, and a series of flyers referring in one manner or another to the cement. Subsequent

W.S.M. --- 4.

editions could be gotten up expressly for the purpose of continuing to keep the matter before users. It would probably not be a difficult matter in starting out to obtain the names of all builders, masons and bricklayers, and foreman masons and bricklayers, in the vicinity of New York. Then a similar list could later be compiled for outlying districts, and finally the programme put in execution over as great a territory as practicable.

In view of my experience, I think that such information as proposed would be eagerly received by builders and masons, and by keeping up the effect by subsequent communications, there should be a good commercial result, particularly as nothing of the kind appears ever to have been done by cement manufacturers.

I trust that you will not consider these suggestions as presumptuous; and as some might be less charitable than I hope you will be, I shall consider it a favor if you will kindly consider this letter as personal.

Very truly yours,

W.S.M.

May 28, 1903.

*Martin*  *CS*  
R.M.S. OCEANIC  
21 July 1903

Dear Mr. Edison

I enclose a letter from Mr. Stallworth introducing Dr. Miller, who will personally present a similar one.

I made a short endorsement of it at Mr. Stallworth's request but of course know nothing of Dr. Miller except what Mr. Stallworth

told me.

Yours sincerely

Howard W. Keyes

Thomas A. Edison Esq.

Orange

New Jersey

[ENCLOSURE]

Cologne, July 13th 1903,

Thomas Alva Edison Esq.,

Llewellyn Park

West Orange N.J.

---

My dear Mr. Edison,

The bringer of these lines is Dr. Miller, Managing Director of the Adler Cement works in Berlin.

This Gentleman, a friend of my friend Director Dernburg of the Bank für Handel & Industrie in Berlin (35 millions of Dollar capital) shows much interest in your new Cement-works at New-Village

Have the kindness to give Dr. Miller an opportunity to examine your new process and I wish and hope that business-transaction may result out of his visit.

I was very glad to have had to-day the pleasure to see Judge Howard Hays with me in Cologne. We spoke about the future of the German Phonograph business and we both think it ought to be a success.

Hoping that these lines reach you in best health, I am, dear Mr. Edison with kind regards

Yours very truly:

T.C. MARTIN.

Editorial Rooms

Aug - 4 1903  
W.D. WEAVER.

**ELECTRICAL WORLD**  
**AND ENGINEER**

114 LIBERTY ST. NEW YORK.

W. S. Mallory, Esq.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

I notice articles in the papers about the effect of X-rays on Mr. Edison's eyes, and the damage done to his assistant, Mr. Dally. I trust the stories are exaggerated, but I have known Mr. Dally to be pretty well burned up before so should not be surprised to learn that he has got another dose.

I have been hoping to visit the laboratory recently with a friend in whom I think Mr. Edison would be interested, but Mr. Edison seems to be occupied away from the lab., and I have not yet been able to fix it up with him.

Trusting you are well, believe me,

Yours truly,

*T. C. Martin*

August 3, 1903.

8/3/03/1894/3.

The Phillipsburg Manufacturing Co.,  
Phillipsburg,

N.J.

Dear Sirs:--

On my return here I find a letter from our Stewartville office, stating that your Bank, the Second National, have refused to discount the note for \$1540.33 recently sent you, stating: "There is too much Edison paper floating around in this vicinity".

If your Bank had any question as to the value of the paper and has asked us about it, we have no doubt but that we would have been able to fully satisfy them.

If you will endorse the note over to Thomas A. Edison and mail it to me here, I will send you a check.

We assume that the Second National hold the note for \$1686.97 due on September 14th. We wish you would say to them that if they are at all uneasy about it and will so advise me here, I will be very glad to take it off their hands for the unexpired time at the rate of 6%.

As your Bank fails to take care of you, we will make settlement by check hereafter.

Yours very truly,

V.P.



*Mallory*

6730 South Green St.,  
Chicago, Ill.

Dear Sirs:-

I am in possession of an invention -- an improved  
"Die-Sinking" machine.

My practical experience and technical knowledge assure  
me of its importance. An ordinary intelligent man can produce finished Dies in true proportions with the machine in one-ninth of the time required by expert workmen to do the same work with present appliances. It will produce interchangeable parts absolutely correct.

I desire to interest a firm of repute, who would work jointly with me in putting the invention in a commercial form, and if desirable to form a company to manufacture the machine tool, or grant royalties, etc.

The invention is of world-wide importance, and is too much for me to handle alone.

I do not ask or need money for my invention -- simply that a firm of repute will join me in developing my invention to mutual advantage.

The machine is simple in construction, light in weight and the cost of production would be moderate.

Yours respectfully,

*George Perrott.*

[ENCLOSURE]

6730 Green St., Chicago, Ill.

I was apprenticed, a machinist, at R. Perrott & Sons, "The Hive" Foundry and Iron Works, Cork, Ireland; on completion of my six years indentures, I became assistant foreman and parted from this concern to become Superintendent of the City of Cork Iron Works, manufacturing Steam Engines, Pumps, Flour-mill Machinery, Agricultural Implements, etc. This position I held for ten years. On the death of the proprietor the concern was closed. I came to America, where I have been for five years.

I was foreman of the Machine Shop at the Lackawanna Steel Company, Buffalo, N.Y., for six months, having charge of the construction of 60 inch Hot Blast Valves, Electric Travelling Cranes, Ladles, Skip-cars and general construction machinery. On the completion of the Plant, I left at my own request.

I am a good mechanical and freehand draughtsman, have a thorough knowledge of machine shop practice, including annealing and working of high-speed steel cutting tools. At the Goodman Mfg. Co., I was foreman of the floor work, assembling and laying-out their electric locomotives, motors and coal cutting machinery, etc.

The following Companies, by whom I have been employed, will give a good account of my ability and character:

The Locomobile Co. of America,	New York City
The Maltby Motor Co.,	Brooklyn, N.Y.
Theo. Audel & Co.,	New York City
The Lackawanna Steel Co.,	Buffalo, N.Y.
The Edison Portland Cement Co.,	Stewartsville, Pa.
E.R. Kent & Co.,	Chicago, Ill.
Goodman Mfg. Co.,	Chicago, Ill.

Yours truly,  
George Perrott.

[ENCLOSURE]

00PX

LACKWANNA STEEL COMPANY.

Buffalo, N.Y., August 21st, 1903.

TO WHOM IT MAY CONCERN:-

This will introduce to you Mr. George Perrott who was employed in our machine shop for the past six months, in the capacity of foreman. During his stay with us we have found him to be thoroughly versed in machinery, and has always served us with the best of satisfaction. As to his character we have found him to be steady and reliable.

Mr. Perrott leaves us of his own accord. We can highly recommend him to any one desiring his services.

Truly yours,

Lackwanua Steel Company,

B. Noble, Supt., etc.  
Machine Shop.

Wm. H. SCHLESINGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. FILLING  
TREASURER  
THOMAS J. GRACE  
SECRETARY  
THOMAS A. KENON  
DEPT. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia Sept. 26, '03.

Mr. W. S. Mallory, V. P.,

Orange, New Jersey.

Dear Sir :

Referring to your conversation with Mr. Barnard in references to finances for October, we beg to state that our requirements will be as follows :

Oct. 1st - Payroll.....	\$8000	
Part of Aug. bills....	<u>2000</u>	\$10,000. <i>Paid</i>
Oct. 16th - Payroll.....	8000	
Balance of Aug. bills. <i>Paid</i>	<u>2500</u>	10,500. <i>Net Note</i>
Oct. 25th - For freights, salaries, etc. and two or three small notes.....		<u>4,000.</u> <i>Paid</i>
Total.....		\$24,500.

*OK Tae*  
This is based upon the experience of the past few months. Should operating expenses necessitate payment of freights, fuel, bags, etc., the expenditures will be correspondingly increased, but you can estimate this better than we can. We should suppose that after October the income from the cement should largely offset the expenditures.

Yours very truly,

*W S Filling*  
Treasurer.

W.S.P.

Says that I would be pleased to  
have Mr. Dyckerhof visit the Cement  
works & will arrange to have him  
October 26th, 1903.  
Should everything - its an open to date  
Mr. Thos. A. Edison, affair - will interest him as  
Llewellyn Park, a Crushing plant for  
Orange, N. Jersey kind of ore

My dear Mr. Edison:-

Mr. Rathenau introduced to me Dr. Dyckerhof,  
of Frankfurt-on-Main. He represents a very reputable and  
successful metallurgical company on the Board of which Mr.  
Rathenau has a seat. It is suggested by Mr. Rathenau that  
Dr. Dyckerhof, who returns to Europe November 12th, should  
get now some idea of your cement works, although I have ex-  
plained to him that the more important developments cannot  
be seen until next Spring or Summer. This would be mutual-  
ly helpful, and would be sufficient to interest the European  
group, which has plenty of capital and interest in manufac-  
turing enterprises all over the world. I think that most of  
their interests are mining, and do not know that they have any  
cement works, but they are equipped with a staff which would  
enable them to study your plant efficiently and act promptly.  
It occurs to me that you may be going to the cement works some  
day in the near future, and that I might bring Dr. Dyckerhof  
there for a short talk with you. He will be absent from  
New York between the 30th of October and the 8th of November,  
and will be here again until the 12th of November. If. Mr.

Answered  
Oct 29/03

-2-

Rathenau's suggestion seems practicable to you, I will be glad to go with him any time this week up to and including Friday, or after the 8th of November.

You have no idea how much we all enjoyed our visit with you and Mrs. Edison. Every minute was interesting and delightful. With kind regards, I remain,

Yours faithfully,

*Wm. J. Morgan*

LJM/ERC

14 East 60<sup>th</sup> St.

New York

Wm. H. BUSHNELL  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PALLIS  
TREASURER  
THOMAS I. CHASE  
SECRETARY  
THOMAS A. EDISON  
MANAGER

# The Edison Portland Cement Co.

Girard Trust Building

Philadelphia Oct. 27, 1903.

Mr. W. S. Mallory, V. P.,

Orange, New Jersey.

Dear Sir :

Mr. Randolph has written us asking for statement of cash that will be required during the month of November. Mr. Barnard has prepared a statement, made up according to the best information we can get from our books, and we herewith attach a copy of this statement. You will be able to decide whether any of the notes can be renewed, and whether the estimate for the pay-roll is excessive. The last pay-roll called for \$8800.

We are sending a copy of this letter to Mr. Randolph who will no doubt confer with you about it.

Yours very truly,

Treasurer.

## Payments for November.

W.S.P.

Nov. 1st - Payroll.....	\$9000	Nov 16	10500.
2nd - Notes.....	2358.	Nov 9 "	5000.
2nd - Salaries.....	1200.	" 17	5000.
15th - September Vouchers.....	8500.	" 21	5000.
15th - Payroll.....	9000.		
15th - Coal Frt. & Expenses at Work.....	800.		
19/30 Notes falling due.....	6600.		
	\$34458.		

Our present cash balance is

\$ 3500.

*Round at PM*  
*OK'd*  
*upto 28000*

*Nov 9 - 5000. Paid*  
*" 16 7000. Paid*  
*" 23 5000. Paid*  
*17500.*

*10 days since*  
*known in next - not return note*  
*501 233 5003*  
*Nov 30 4th \$10500 -*  
*to reach by 1st month*

*Memo from The Edison dated Nov 17-1903*

Oct. 28, 1903

Mr. Gustell of the Alpha Portland Cement Co. seemed sore because Mr. Meloy had not sent a man to inspect hall and tube mills that he had for sale.

So I asked for information in the name of Mr. Edison and he told me about coopers and said that I might ~~soon~~ visit the cooper shop at Alpha.

The cooper shop is about 58' x 58' and 20' high. Next to this is a store room for ~~see~~ staves and hoops about 58' x ~~58'~~ 25'. There is no heat in either place except from the cooper stoves. The store room was piled with hoops, heads and staves and I was told that there was another store room.

The largest number of barrels ever coopers in a day was 1100 and this took 10 coopers to finish.

About 10 H.P. is required to run<sup>2</sup> the machinery.

The staves are brought into the room through a door to the Cozier machine which rips the staves and cuts a groove in them to hold the head in. The machine at the Alpha was made by the L. M. Reed Co. Cleveland Ohio.

Some of the staves are redsplit and trimmed in a machine called a jointer machine made by Greenwood & Co. Rochester N.Y.

Both the above machines are run by boys. The ~~see~~ crozing machine with prepare staves for 1500 Bbls in 10 hours.

The staves are then taken to the setting up machines. These were four of these at the Alpha.





ADDRESS ALL COMMUNICATIONS TO THE COMPANY AT HIGH BRIDGE, NEW JERSEY.

LOCAL AND LONG DISTANCE TELEPHONE.  
32 WASHINGTON, NEW JERSEY.  
WHOLESALE UNIFORM AND LINGERIE GOODS USED

COMPATIBLE BATTERY TO CHARGE WITHOUT NOTICE.  
ALL OPERATIONS ARE CONTINUOUSLY  
SUPERVISED. RELIABLE OF QUALITY AND  
OTHER SPECIAL FEATURES OF SERVICE  
SEE LISTING.

## TAYLOR IRON & STEEL CO.

HIGH BRIDGE, NEW JERSEY.

Nov. 6th. 1903.

Thomas A. Edison, Esq.,  
Orange, N.J.

Dear Sir:-

In a conversation over the 'phone yesterday with your Mr. Mason of the Edison Portland Cement Works, Stewartsville, N.J. we were informed that it was your desire that the writer call on you at your laboratories in Orange, N.J. at an early date to talk over the subject of manganese steel, roll segments for grinding cement.

It is my intention to visit your laboratories on Monday next the 9th. of November. If there is any doubt about your being there at that time, kindly wire us to that effect and appoint a date convenient to yourself for our visit, and oblige,

Yours very truly,

TAYLOR IRON & STEEL CO.

*Walter B. Dickinson*  
Supt. Steel Works dept

*Mr. Malloy  
Mr. Edison saw this letter  
and this party will be out Monday  
J. B. Dickinson*

CHICAGO.  
1140 HOMBURG BLDG.

PHILADELPHIA.  
CITY TRUST BLDG.

CLEVELAND.  
CITIZENS BLDG.

LONDON.  
HASTINGS HOUSE, STRAND.

## THE ENGINEERING RECORD

ENGINEERING BUILDING.  
114 LIBERTY STREET, NEW YORK.

Nov 23 1903

Nov. 23, 1903.

Dear Sir:

The Record is very much obliged, indeed, to you for your kind attention to the matter of the manuscript of the description of the Edison Portland Cement Works. It is very gratifying indeed to have so careful a revision as you have made.

I hope we may have the blueprints pretty soon, so we can have plenty of time to show you prints of the drawings for our illustrations. These should preferably arrive in advance of the photographs.

Yours truly,

W. S. Mallory

W. S. Mallory, Esq.,  
Orange, N. J.

THOMAS A. EMISON, ESQ.,

Jewell Park, N.J.

Dear Sir:-

I represent gentlemen who contemplate briquetting anthracite screenings and culls, for domestic fuel, and, perhaps, bituminous fines.

I am aware of your patent for briquette machine. Will you please mail whatever you have in print of such machines; catalogues, cuts, description, testimonials, PRICES, DISCOUNTS, Etc.: and terms.

We now contemplate separate plants, each to produce about 25 tons per day. Will you please state the three dimensions and weights of the different machines required. and especially the total labor attention required to a plant as above.

Our anthracite screenings analyze: Fixed carbon, 82 o/o: Volatile G: Water 2: Ash, 9: Sulphur, 1: and give 13,850 B.T.U.'s. Would it be practical to treat these screenings as chalk dust is treated, namely, subject the screenings to such a pressure as to re-establish the attraction of cohesion: without using tar or any binder? Would they then disintegrate during combustion? Would it prevent disintegration to use exhaust steam in a double receptacle, and press the coal, hot, without a binder? As we propose our first briquettes for domestic use, they should be about the size of Chestnut coal, which would make each briquette about 2 to 4 ounces.

Very truly yours,

Ellis Ware Ellis,  
Ellis Ware Ellis,  
53 Morris St., Everett, Mass.

Nov. 25, '03,

*John*  
I have a large briquetting plant for sale that will do what you want but you cannot do it without a binder - Coal tar pitch from Chestnut coal is all right

Wm. H. SHELDON, PRESIDENT,  
W. S. HALL, VICE-PRESIDENT,  
W. S. PALM, TREASURER,  
THOMAS A. EDISON, SECRETARY,  
THOMAS A. EDISON, 1001 N. 3RD ST., PHILADELPHIA, PA.

GENERAL OFFICE  
GIRARD BUILDING, PHILADELPHIA, PA.

## The Edison Portland Cement Co.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J.,

November 27<sup>th</sup> 1903

Wm H Shelmerdine Esq.

President Edison Portland Cement Co.

Philadelphia Pa

Dear Sir -

The works of this company of which I am the designer, and which are equipped with special up to date machinery are in operation, and ready to make shipments.

The cement being produced will stand all the standard tests, and fill all Government specifications. It has the advantage of being the finest ground cement on the market, 85% eighty five percent will pass a two hundred (200) mesh screen.

I fully believe experience will prove our cement to be the best and most reliable now made.

Yours Truly

Thomas A Edison

ADDRESS ALL COMMUNICATIONS TO THE COMPANY AT HIGH BRIDGE, NEW JERSEY.

LOCAL AND LAND OFFICE, TAYLOR CO.,  
25 WALLINGTON, NEW JERSEY.  
NEW YORK, NEW YORK, NEW YORK.

TAYLOR IRON & STEEL CO.

HIGH BRIDGE, NEW JERSEY.

Dec. 3rd. 1903.

Thomas A. Edison, Esq.,  
Edison Laboratories,  
West Orange, N.J.

Dear Sir:-

Relating to tinning wrought iron strips for casting in manganese steel would say, we made an experiment yesterday according to your suggestion. First by pickling the wrought iron bars in muriatic acid, then applying the amalgam, after which the bars so tinned were imbedded in a sand mould so exposed that the fluid steel came in contact with the tinned surface of the wrought bar.

We found the wrought bars easily knocked loose with a small hammer, showing no cementation to the manganese steel. A very heavy body of fluid metal might cement the wrought strips, but we doubt if any practical results would be obtained by this method.

We have enclosed a pencil sketch showing one of our methods for fastening wrought iron strips in manganese steel, and with the case of your segments we might apply this plan satisfactorily.

We feel sure that the strips would remain secure. However we would recommend the solid manganese steel segment, the same as the two shipped your works yesterday. Of course it remains yet to be learned whether these segments are going to give you satisfactory service.

If they do, we believe you can equip one of your lathes with an emery wheel to grind same at not too great a cost. Trusting such may prove the case in the end. We are,

Yours very truly,  
TAYLOR IRON & STEEL CO.  
*Malcolm Guinness*  
Supt. Steel Works Dept.

W.B./S

[ATTACHMENT]

Form No. 12-11-29-20-1000

Order No. 27686

DRAWING OFFICE MEMORANDUM.

Taylor Iron & Steel Co.

Copy Book.....Page.....

Draughtsman.....

Examiner.....

HIGH BRIDGE, N. J., Dec. 4 1903.

Customer Edison Portland Cement Co.

DEC - 5 1903

Address.....

7th Steel Segment - with W.I. finishing strips.



Full size of W.I. finishing strip. dotted lines show finish allowance.

EDITORIAL OFFICES  
OF THE  
ELECTRICAL REVIEW,  
FARM BOND BUILDING,  
NEW YORK.

DEC - 5 1903

CHARLES W. PRICE,  
EDITOR.  
WM. HANS BROWNE, JR.,  
TECHNICAL EDITOR.  
AUGUST A. GRAY,  
ASSISTANT EDITOR.

December 4, 1903.

Mr. W. S. Mallory, Vice Pres.,  
Edison Portland Cement Co.,  
Edison Laboratory,  
Orange, N. J.

Dear Mr. Mallory:-

We are in receipt this morning  
of corrected copy of description of the Edison  
Portland Cement Company. We will have this  
put in type and hold until we receive in-  
structions from you as to publication.

Thanking you very much for your  
courtesy, we are,

Respectfully yours,

*A. A. Gray*  
Assistant Editor.



Wm. H. RICHMOND, PRESIDENT.

J. M. STALLARD, TREASURER.

W. G. FALLOU, SECRETARY.

THOMAS D. CHASE, MANAGER.

THOMAS A. DODD, CHIEF ENGINEER.

## THE EDISON PORTLAND CEMENT CO.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J., Dec. 11, 1903.

IN RE Report.

Received... DEC. 13 1903  
 Referred to...  
 Instructions...  
 Mr. Thomas A. Edison, G. M.,  
 Orange, N. J.

*Referred to Mr. Mason  
 for his information  
 especially bad figuring  
 as to working stress on shafts*

Dear Sir:

The trouble with the thrust collar on clinker fine grinder #1 was found to be due to shaft breaking inside of mandrel. I located it there by noticing that grooves around shaft which were intended to be used to hold collars to hold mandrel from sliding on shaft were about 5/8 inch farther apart than on other shafts.

Mr. Mason figured that the maximum fiber stress in this shaft, using 100 lbs. air pressure, was about 9,300 lbs. per square inch.

According to Dr. Dudley of the Pennsylvania R. R., it is not safe to allow a maximum fiber stress of over one-fifth the ultimate strength for car axles, on account of crystallization.

In our case, we can assume the ultimate strength of wrought iron in large shafts to be 40,000 lbs. per square inch, which would give a working limit of 8,000 lbs. So it appears that these shafts on the fixed rolls are not strong enough, considering only the steady, bending load, and not taking into account the violent shocks due to broken plates, uneven feed, iron, etc.

The other two shafts of the grinders are not subject to as great stresses, as the points of pressure and load are much closer together.

Mr. Thomas A. Edison, G. M. .... Sheet #2.

It would be possible to use a shaft one inch greater in diameter in the mandrel. When I see that shaft taken out of the mandrel I will probably have something more to report.

They are now using wood, mostly scrap lumber, in the furnaces of the rock stock house. The furnace blower is not being used, and there is not enough heat to prevent a great deal of condensation on the inside of the building. The furnace man keeps all the doors and windows of the furnace room closed, so that it is impossible for much air to go up over the furnaces.

I would suggest having the doors open, but this would be very hard on the men in the cold weather. I would also suggest connecting up blower and using it moderately, and also partially shutting up shaft from tunnel to upper part of stock house, as a great deal more air than necessary goes through tunnel.

There has been a good-sized, fancy ventilator put on top of transfer tower at head of Con. 102. You can notice a little steam and dust oozing out of it, but it is not up to the job, as everything is soaking wet in tower and Cons. #102 and #103. I would suggest putting louvres on sides of tower and even on sides of conveyors.

I believe that most of the power taken by exhauster at dryer is used in forcing the air at high velocity through down-comer and connection to dust bin and stack. I think that fully one-half or two-thirds of the power could be saved by using on the new dryer a large fan running at slow speed and large down-comer and stack, and give the same volume of air through dryer. I will take some manometer readings of air pressure at different places on present dryer, and report to you

Mr. Thomas A. Edison ,G. M.....Sheet #3.

further on this matter.

Another case of tampering with motors occurred in coal plant last night.

All the motors have been running very well lately. Cutting out the mica has greatly improved the motors on Cons. 109 and 113. If these motors continue to run O. K. for a week, I will have mica cut out on all motors that have given any trouble at all.

The motor on skip car hoist has mica a good sixteenth of an inch below the copper.

The new magnet on Con. 112 developed a short circuit, and blew fuses today, and necessitated shutting down mill for over an hour to replace old magnet. The new magnet has been fixed up O. K., and is now ready to be put back at first opportunity.

This magnet was not put in at head of Con. 109, because it was not ready to go in until mill was about ready to start up yesterday after long shut down, and it was quicker to put it in place of old magnet.

Chalk plant has been running perfectly with a very large output on the re-dried rock.

I suppose you have heard of the unfortunate accident by which mill man was killed last night by being caught between belt and head pulley on Con. 109.

There is not place to put a brake on roller feed over giants, except on motor shaft on first intermediate shaft from roll, by extending shaft through bearing. This is a very slow moving shaft, and would probably require a powerful brake.

The new locomotive is a great success.

Mr. Thomas A. Edison, G. M.....Sheet #4.

The Triumph people report in regard to second machine we ordered from them that the delay in shipment was due to the loss of two castings, but promised to ship this week.

Yours very truly,

W. A. W. H.

*Wm. Appleton Warner*

12/15/03/WSP/1

Mr. J.F. Randolph:--

Mr. Edison says to send the Edison Portland Cement Company, Philadelphia, a check for an additional \$5,000. before the end of the month, making a total of \$10,000 for the month.

The sooner that this can be sent the better, as they are in urgent need of money for pay-roll.

Yours very truly,

V.S. Mallory, V.P.

Take

345-11-103

THE  
Engineering News  
PUBLISHING COMPANY

Geo. H. Fagot, President  
D. McN. Stauffer, Vice-President

Chas. Whiting Baker, Managing Editor  
F. P. Rust, Business Manager

Telephone WHI Cortlandt  
Cable Address, "Engnews," Western Union Code

\*ADDRESS ALL COMMUNICATIONS  
TO THE COMPANY

220 BROADWAY, NEW YORK Dec. 15, 1903

Mr. W. S. Mallory,  
Edison Laboratories,  
Orange, N. J.

Dear Sir:-

In going over the drawings of the Edison Cement Works, a number of questions occur which it seems desirable to answer in our article. The works seem to be spread over rather a large area with wide spaces between buildings. Why was this considered desirable or necessary? An unusual number of separate buildings are comprised in the plant instead of its having a few buildings which provide for several processes under one roof. What were the reasons for this construction? What were the maximum inclinations allowed for belt conveyors? Why was it considered profitable to select level site and provide artificially the necessary differences in elevation instead of building a side hill plant? About how do your cement rock and limestone analysis run? What are the latest average figures for out put per kiln and coal consumption per barrel? What percentage of material is returned from blowers for regrinding? If you can answer any or all of these questions for us, kindly do so as soon as possible so that we may insert them in article before sending you proof.

Very truly yours,

*Chas. Whiting Baker*  
Associate Editor.

For Mr. Mallory.

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS,  
PHILADELPHIA.

Dec. 17, 1903.

Mr. F. R. Upton,  
Eaton Laboratory,  
Orange, New Jersey.

Dear Mr. Upton :

We observe that some of the material which you sell is invoiced in bags at ten cents and some at six cents. This will certainly lead to confusion, as when the bags are returned it may not be possible to distinguish them. Can you not arranged that all bags shall be charged for at ten cents, so that when returned there can be no confusion in the accounts. We cannot continue the practice of billing bags at different prices.

Yours very truly,

Treasurer.

W.S.P.

*Upton I have told Phil  
office to charge all  
bags at 10¢*

Residence Tel.  
447 Orange.

## Edison Portland Cement

FOR SALE BY

F. R. UPTON

Edison Laboratory, Orange, N. J. Dec. 21, 1903.

Mr. W. S. Mallory,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:-

I return copy of Mr. Pilling's letter to you, dated Dec. 17th, regarding charging for bags at \$0.10 each instead of \$0.06.

I believe that it would make more confusion than now exists, if the price of ~~bags~~ the Riegel bags were changed. Several thousand of these bags are now outstanding, which have been charged for at the rate of \$0.06 each. Most of these have been used to hold ground limestone in. These bags are smaller size than regular bags and are made of thinner duck. When I was at New Village the other day Mr. Moulton told me that the Riegel bags were not heavy enough, and that they would soon be in such bad condition that he could not use them.

Recently I ordered a car of old cement to be shipped to Messrs. Miller & Sons Co. Roseville. This carload was shipped in N. Y. N. H. & H. car No. 32588. I am informed that this carload was packed in new Edison Portland Cement Co.'s bags. These bags should have been charged to me at the rate of \$0.10 each, and not at \$0.06 each.

My suggestion is, that \$0.06 each be charged ~~xx~~ ~~in~~ for the Riegel bags, and other irregular bags which are now on hand, and as long as they last. If any more bags are bought for shipping ground limestone in, or unnamed cement, they should be full weight duck bags or gunny cloth bags, and these should be charged out at \$0.10 each.

Yours truly,

*F. R. Upton*



X-16-40100

EDISON ELECTRIC ILLUMINATING CO. OF BROOKLYN

Subject

December 31st 1903.

Mr. Thos A. Edison  
Dear Sir,

After visiting  
concent works, ~~and~~ carefully  
considering your proposition,  
to take charge of most work,  
I am sorry to say, I must  
decline same. Thanking you  
for your kind consideration  
I remain

Very truly yours

Chas. J. Diddy

1130 Bedford St  
Brooklyn

221

6

[ATTACHMENT]

EDISON  
ELECTRIC ILLUMINATING COMPANY  
OF BROOKLYN  
General Office, Edison Building

BROOKLYN, NEW YORK, Dec.10,1903.

SUBJECT

LOCATION

T. A. Edison, Esq.,  
Orange, N. J.

Dear Sir:

Replying to your favor of the 2nd inst. with regard to the recommendation of a good man to take charge of motor department in your cement works, I can recommend Mr. John Leddy of this company. He has been in our service since 1889, in charge of prominent stations, and in my judgment, would meet your requirements fully.

Address Mr. John Leddy, care of this company, 360 Pearl St., Brooklyn.

Very truly yours,

*E. A. Heslie*  
2nd Vice President.

"73"

Waltham-

~~Waltham~~ One of the 12 inch  
shafts Clunker fine grinder brake  
inside Mandril - Leslie of Edison Brooklyn  
Station recommends John Luddy of his  
Co 360 Pearl St Brooklyn as good  
man for our water dept. See him -

Σ

Mr Maclary

I donot think this is right.

Mr Edison Loans the Edison Portland Cement Co. \$10000. for which he is to receive 6% interest to June 1-1904. The interest on the \$10000. for 168 days amounts to \$280.00 making a total due Mr Edison June 1-1904 of \$10280.00 and I donot see any reason why Mr Edison should receive \$8.<sup>07</sup> more than is due him.

I donot think because the Company gives him a note they should call in bank discount as the note is merely a receipt for the money loaned and if all the notes given out by the Company are flowed this way it will make a great difference but a short time.

J. B. Rowland

[ON BACK OF PRECEDING PAGE]

J.F. McEwen is  
getting some settlement in all  
other direction - the matter comes  
up because some of the direction  
who had the paper in hand was  
out of pocket in

**Edison Portland Cement Company Records  
Corporate Files - Employment Applications (1903)**

This folder consists of letters to Walter S. Mallory, primarily written by employment agencies. Some of the letters bear marginalia by Edison. A letter of recommendation written by Charles Batchelor in 1899 is attached to one item. The documents concern vacancies for the positions of business manager, machinist, laboratory assistant, and cement chemist at the Stewartsville works.

Less than 5 percent of the documents have been selected. The selected items bear Edison marginalia or relate to applicants who previously worked with an Edison enterprise.



Branch Offices.  
CHICAGO. PHILADELPHIA.  
BOSTON. CLEVELAND.  
PITTSBURG. SAN FRANCISCO

European Offices.  
LONDON. MANCHESTER. ENG.

# Hapgoods

INCORPORATED

MUTUAL RESERVE BUILDING,  
309 Broadway.

H. J. HAPGOOD, President.  
C. H. L. FLINTERHANK, Vice Pres.  
H. M. THYNS, Secy. & Treas.

CABLE ADDRESS  
"HAPGOODS"  
TELEPHONE  
4865 FRANKLIN.  
RICHARD A. LEARNED,  
MGR. NEW YORK OFFICE

*New York*

May 14, 1903.

Mr. G. S. Mallory, Vice-Pres.  
Edison Portland Cement Co.  
Oranget, N. J.

Dear Sir:-

We are in receipt of your letter of the 14th and shall take great pleasure in making special efforts to find you a man who will be qualified to fill the position as business manager, of your plant at Stewartsville.

Our Mr. Learned will report to you definitely in regard to the matter in a few days as we want to interview a few men before recommending them to you as it is no use to bother you with men who would not be qualified to fill the requirements.

We will take special interest in the matter for the reason that the writer has resided for five years in Easton, Pa. and therefore is fully acquainted with the conditions, not only in regard to the cement property at Stewartsville but also the other plants that are going up.

There is a Mr. Newbury, a personal acquaintance, who has been in charge of a cement works at Alpha and later had a cement plant in Nazareth. Are you acquainted with the gentleman and would you like to consider him for the position? If so I

- 2 -

could probably arrange an interview.

Very truly yours,

HAPGOODS.

*H. J. Hapgood*  
President.

H-H



P. A. FRIEDMAN, President  
with "Engineering News"  
for 15 years

A. G. FERRY, Treasurer

A. H. GILBERT, Treasurer  
with "Engineering News"  
for 15 years

## THE ENGINEERING AGENCY

(INCORPORATED)

ESTABLISHED 1893

A RELIABLE BUREAU FOR COMPETENT TECHNICAL MEN AND THEIR EMPLOYERS

1208-9-10 MONADNOCK BLOCK, CHICAGO

May 28th '03

Portland Cement,

Orange, N. J. -

Dear Sirs:-

Concerning the application of J. H. Vail for position, we wish to say that Mr. Vail is especially qualified to fill the position you have open owing to the fact that he has, for the past three years, served as consulting engineer, for a large firm, and has done a great amount of construction to effect economy in production. The records of the Asso. of the Edison Illuminating Company show that he originated their classification of accounts and he has largely assisted in the cement work for the company above referred to.

We would like to inquire if your company is the Edison Portland Cement Company. We do this for the reason that Mr. Vail is personally acquainted with Mr. Edison and can secure his personal endorsement.

We would esteem it a favor if you would look into the application of Mr. Vail thoroughly as he is most undoubtedly a very capable man in this particular line and is a man, a great many feel, will do himself justice in your position.

Awaiting your favors in this connection, we remain

Yours very truly,

THE ENGINEERING AGENCY,

Dict. AGF-RBS

Secretary.

#167-57<sup>th</sup> St.

Brooklyn July 21<sup>st</sup> 1883.

Mr Thos A Edison.

Orange. N.J.

Mallory

Dear Sir,

I trust the enclosed letter from  
Mr Batchelor may interest you to  
the extent of granting me the opportunity  
of telling my story to either Mr  
Mallory or yourself in person.

Yours very truly,

Geo F. Harris.

note

Call Monday

10 to 12-

morning

you in carter

[ENCLOSURE]

Mallory

\$3 West 25<sup>th</sup> St  
Sept 18/899

Gen. F. Haven Esq

Dear Sir,

Yours of Sept 13<sup>th</sup> to hand —

Yes! I remember you very well — You were at that time with Henderson at the Whitestone Forge & I also remember you also were with us somewhere in the '90's —

Why don't you apply to Mr Edison directly; he will remember your face; or better perhaps to his right hand man Mr Mallory at the Laboratory at Orange N. J.? They are at present carrying on some experiments in heavy machinery for Cements & other things in which your experience would be about accustom you to the work in a very short time —

If you do this & it will be of any use to you, you may show this letter to Mr Mallory when you apply

Very truly yours

Chas. Batchelor

[PHOTOCOPY]

7/25/03/ESH/1.

Mr. George F. Haven,  
167-57th Street,  
Brooklyn, N.Y.

Dear Sir:--

We beg to acknowledge the receipt of yours of the 21st inst. to Mr. Thomas A. Edison, enclosing letter of recommendation from Mr. Charles Batchelor, which we have noted.

Replying, we beg to state that the writer will be pleased to have you call at the Laboratory on Monday morning next (July 27th) from ten to twelve.

Yours very truly,

V.P.

*Ans. If this man  
calls send him over to  
Edison's - better tell  
him so he will not  
send him away*

P. A. FRENCHLAND, Proprietor  
with "Engineering News" 200 14 YEARS

A. G. PRINCE,  
TREASURER AND MANAGER

## THE ENGINEERING AGENCY

(INCORPORATED)  
ESTABLISHED 1893

A RELIABLE BUREAU FOR COMPETENT TECHNICAL MEN AND THEIR EMPLOYERS

1208-9-10 MONADNOCK BLOCK, CHICAGO Nov. 7, 1903.

The Edison Portland Cement Co.,  
For Mr. W.S. Mallory, Vice-President.  
ORANGE, N. J.

Dear Sir:-

One of our members, Mr. E.L. Keays, who is English, 42 years of age and married, is in Chicago working at present for the American Spiral Pipe Works. He has had about 20 years experience as mechanic and is thoroughly practical. He was for a matter of a year and a half Master Mechanic for the N.J. & Pa. Concentrating Works. You may be able to get a line on him this way and if he is such a man as you want we will be pleased to have you consider him in connection with your vacancy.

Your's very truly,

THE ENGINEERING AGENCY

Secretary and Manager.

Dict. A.G.F. \$PF



Other Offices  
 CHICAGO PHILADELPHIA  
 ST. LOUIS BALTIMORE  
 PITTSBURG WASHINGTON  
 DETROIT LOUISVILLE  
 SEATTLE SAN FRANCISCO  
 CLEVELAND LEWISTON  
 COLUMBUS MINNEAPOLIS  
 BUFFALO MILWAUKEE  
 LONDON, ENGLAND.

# Hapgoods

INCORPORATED

HOME OFFICE, 309 BROADWAY, NEW YORK

H. J. HAPGOOD, President.  
 C. H. LINTNER, Vice Pres.  
 W. H. TAYLOR, Treasurer.  
 A. S. KELSEY, Secretary.

CABLE ADDRESS  
 "HAPGOODS"

TELEPHONE  
 4865 FRANKLIN.

RICHARD A. LEARNED,  
 MGR. NEW YORK OFFICE

Dec. 15, 1903.

Mr. W. S. Mallory,

Vice Pres. of the Edison Portland Cement Co.  
 Orange, New Jersey.

Dear Sir,-

We enclose herewith application of D. S. Ordway, of Glens Falls, N. Y., which we thought might interest you in connection with the position as assistant chemist, which you are seeking to fill at your laboratory at Stewartville, N. Y.

Trusting that it may interest you, we are,

Yours truly,

HAPGOODS.

*H. L. Wilson*

HJW-MBF

IN REPLY  
 KINDLY REFER TO  
 NO. H. G. WILSON,  
 NEW YORK OFFICE.  
 AND YOUR NAME  
 AND ADDRESS TO  
 BE REPLIED TO.

[ENCLOSURE]

INTERNATIONAL PAPER COMPANY.

30 BROAD STREET.

NEW YORK.

Glens Falls, N. Y. Dec. 8th, 1903.

Haggoods, 309 Broadway,  
New York City.

Gentlemen:-

This is to apply for the position designated A Ch-626 in the December "Opportunities." I am a graduate in chemistry of the Massachusetts Institute of Technology, in the class of 1901, and have been employed since my graduation as chemist for the International Paper Co. in their general laboratory at Glens Falls N. Y.

Shortly before my taking the above position, this company had started on a comprehensive plan for testing the cement used in building operations and in the lining of sulfite digesters, and it has continued this plan ever since, so that I have had ample opportunity to become familiar with both the analysis and testing of cement. I have had practice in briquette making and in the manipulation of both the Fairbanks and the Riehle testing machines, and I am familiar with the various other physical tests that are in use in cement laboratories.

I am competent to undertake any chemical work in connection with a cement works. I am familiar not only with the shorter methods in use in the works laboratories for the analysis of cement, cementrock and mixtures, but I have also had some practice in the complete analysis of both the limestone, the clay, and the finest cement. In this connection I may state that I have used the method suggested by Prof. Hillebrand in the Journal of the Society of Chemical Industry for the analysis of cement. Through my acquaintance with the chemist in a local cement works I have been able to become familiar with the manipulation of the calcimeter and have learned the methods used in the ordinary routine work of a chemist in this industry.

While in school I did some original research work, and since my graduation I have had practice in working out problems on my own account, and I feel sure that I should be able to attack any question that arose which had to do with the chemistry of cement manufacture. I am familiar with some of the literature on the chemistry of cement and have studied carefully those portions of Butler's book on portland cement which have to do with its analysis and testing.

I should be obliged if you would transmit this application to the right parties, together with such information concerning my education, experience and character as you may have on file.

Hoping to hear from you on this subject I am,  
Yours very truly,

35 Grand St.  
Glens Falls N. Y.

*D. L. Ordway*

[PHOTOCOPY]

Motor from  
Photo 18  
Chicago, Ill. Dec 16, 1903

Friend Mr.

I make to offer myself as a candidate for the position advertised by you in the Electrical World as Engineer of December 12.

Am thirty years old, Completed C.E. course at University of Wisconsin in 1900.

For the first year after leaving college I was employed at the Illinois Steel Co. works at South Chicago. Where I had fitting of motors, travelled mostly in installation and construction work among the various mills.

Also had good experience with both air and incandescent lamps, making some tests on the latter.

The next year and a half I spent at Akron Ohio, with the Akron Electrical Mfg. Co.

Having charge of the fitting and testing floors for a time, then acting as road man during installation. I also had charge of the branch office at Chicago for a time.

The rest of my time has been spent with the Chicago Edison Co. where I am now employed. At first I worked in construction department, later in the <sup>(now)</sup> engineering department. I would expect \$1.00 per month.

Very truly,  
(C.E. Sullivan)

144 Norman Avenue, Chicago.



**Edison Portland Cement Company Records  
Corporate Files - Mallory, Walter S. (1903)**

The folder contains correspondence and other documents relating primarily to the personal affairs of Walter S. Mallory. Included are items concerning Mallory's finances, magazine subscriptions, and residence. The selected documents pertain to film exhibitions involving James N. Naulty of the Edison Manufacturing Co.

Less than 5 percent of the documents have been selected.

THOMAS A. EDISON, Pres.

W. C. GILMORE, Vice Pres.

J. F. RANDOLPH, Secy & Treas.

CABLE "KURILAN" NEW YORK.

SALESROOMS:  
#135 FIFTH AVENUE CORNER 20TH STREET,  
NEW YORK.  
83 CHAMBERS STREET.



Type "Q" Cell,  
CAPACITY 150 AMPERE HOURS

Orange, N. J., Jan. 5, 1903.

Mr. W. S. Mallory, V. P.  
Edison Portland Cement Co.,  
Laboratory.

Dear Sir:-

Your letter of Dec. 29th in regard to entertainment to be given at Whippany, N. J. on Jan. 3d, received. I will arrange for calcium to be shipped as directed, but would ask if you wish me to furnish the entertainment using my own outfit, or to operate an outfit to be furnished by the works. I have films of my own that will be suitable for the entertainment you wish given, but in case you wish the outfit from the works, I will have to take the matter up with Mr. Gilmore, and with his approval, make up the necessary films for use at the exhibition, as I have no authority to take an outfit from the works without his permission.

When my own apparatus and films are used, my price is \$25.00 and expenses, but in case you wish me to use them at the entertainment in question, I will make the price to you \$20.00 and expenses.

Kindly accept apologies for delay in answering your letter.

Awaiting your further instructions, I beg to remain,

Yours very truly,

*Jas. M. Naulty.*

JMN/AJB

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY,**  
INCORPORATED  
**23,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.**

THIS COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following messages. It does not in any way assume responsibility for the accuracy or content of the messages, and the Company will not hold itself liable for errors or delays in transmission or delivery of any messages. Messages beyond the service of this post office, or any one where the cable is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNRECEIVED MESSAGE, and is delivered by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	REC'D BY	CHECK
		<i>Collect</i>	<i>457 d</i>

**RECEIVED** at *New Village* *March 26 1903*

Dated *Brick Church March - 25 - 1903*

To *Mr. W. L. Mallon*

*New Village*

*Can we get letters and*

*Screen for next Sunday*

*Mr. Laddner to view lessons*

*Answer Collect.*

*W. L. Thomas*

*71-5-10 Ave St.*

**Edison Portland Cement Company Records  
Corporate Files - Thompson, Robert H. (1903)**

This folder consists of letters from Robert H. Thompson to Walter S. Mallory. They relate primarily to the board of directors, visitors to Stewartsville, and dinner plans with Edison. Some of the letters pertain to recommendations for a design engineer and to the progress of work at Stewartsville. One item concerns storage batteries.

Approximately 40 percent of the documents have been selected.

HORRIST H. THOMPSON,  
PRESIDENT

HENRY D. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAPIRO,  
TREASURER

MADISON H. LADD,  
SECRETARY

THE THOMPSON & NORRIS COMPANY,  
CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
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JULICH, GERMANY.  
SOLE AGENTS:  
"CORTEX", BROOKLYN.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. Jan. 2, 1903

S

W.S. Mallory, Esq

Orange, N.J.

Dear Mr. Mallory:

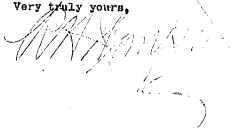
I beg to enclose coupon No. 3 from bonds No's 149, 175 and 316  
R.S.B. for adjustment. I forgot all about them when at the Laboratory  
Wednesday.

I also enclose a letter from Mr. Hussen of Montreal, re. Agency  
for Canada. A letter often will give a pretty fair idea of the style of  
fellow who writes it, but whatever impression you may get from it, I know  
this young man to be a hustler from "way up the gulch" and a gentleman,  
which is equivalent to saying he is as honest as the Sun. I hope to  
hear that your visit to Stewartville was a gratifying one.

You remember what was said by Mr. Pilling at the last meeting,  
to the effect that Mr. Raison is opposed to agents as such, and if this  
is the case and his objection is absolute, I hope you will explain to  
him, that although I am sure this would be an excellent connection, I do  
not even suggest that he alter his determination for me.

With best wishes to you both, I am,

Very truly yours,



Jan'y 14/03

Dear Mr. Edgely

Our seats have all been arranged  
for Evening of 20th (next Tuesday)  
and Mr. Day who is chairman of  
the Entertainment Committee has suggested  
that Mr. Edgely and you leave ~~Orange~~  
Orange on the 4<sup>30</sup> arriving on  
the New York side at 5<sup>10</sup> where  
I will meet you with conveyance to  
the Union ~~Temple~~ Club in Brooklyn.  
Mr. Day says if Mr. Edgely you  
do not want to come over in dinner  
costume your "togs" can be brought  
over in a bag and he will provide  
a comfortable room for you to change  
your clothes in - I'll the boss not  
to fail me on this - or I am undone

It will not hurt the bond proposition  
to have him appear there.  
and all my friends expect him  
there will be no speaking except  
by the regular speakers already  
arranged for. Don't let me  
down on this matter. I shall  
depend upon you.

Sincerely yours  
R. H. Thompson

Dear Mr. Ballou, <sup>Ex 100</sup>

Mr. Sharpe has just rec'd  
a letter from Mr. Chapman of Montreal  
regarding the business outlook so far as it  
appears to affect him and I enclose an  
abstract from it. It occurred to me that  
we possibly might make and sell  
Crowners of the Edison type, to prints  
where they would not come into competition  
with our manufacturing of printing.

Of course there may be hundreds of objections to  
the idea of which I don't know.

I sent you today at Montreal a letter received  
from Amos D. Sampson which you will probably  
receive tomorrow if you remain here so long. It tells  
sent you the true samples of cement ~~now~~ or concrete  
made by our man. To all of which where the trouble  
lies. —

Yours very truly  
Samy 21/25

Sincerely  
D.M.



[ENCLOSURE]

*Extract from Letter to Hollenbeck  
Re business in Austin*

"As for inquiries and business offering, I never remember a time when things looked brighter, nor was there ever a single year, to my knowledge, when the first two weeks of the year brought in such a rush of inquiries. The fact that the contractors are after plants so early, leads to the belief that they are not going to be caught by waiting until they actually require material before placing orders, which generally cannot be filled for weeks. And it also means considerably more business, as by securing orders early, we can make satisfactory deliveries and win the approbation of our customers, thus paving the way to further orders from the same source.

Mr. Smith (of "Mixer Renown") was here for three days last week and is coming on later to open up a shop here and commence manufacturing, not only mixers, but steel, mine & concrete cars, concrete equipment, etc. I shall have the selling of all the output, and in addition have a share in the Company. As I have worked hard for the Smith Mixer, he wishes me to have an interest. If we can get started this year, the Company in five years time will be worth something, or I am a bad guesser.

Now, I don't wish to toot my own trumpet, but Mr. Smith told me that the Allis Chalmers Co. of Chicago were so impressed with the way I have been handling the Austin Crushers that they asked Mr. Smith if he thought I could be approached to handle the Gates Crusher, which is so much better known, as they had decided to make a change of agents in Canada. Mr. Smith further said, that the manager of the Allis Chalmers Crusher Department, said that I was a great salesman because I suppose I have beaten their agents on every crusher deal where I have met their competition, and finally ended last season by replacing an old Gates Machine by a new Austin, which evidently was too much for them. I have

[ENCLOSURE]

2.

not decided yet what to do, but am waiting further developments.

In addition, we have sold our first steam shovel to one of Cooper's customers who owns a Marion shovel. Ours is the Bucyrus, and the most expensive on the market. This shovel goes to North Bay for the new railroad, The Temiscanung and Northern Ontario, where it will doubtless be seen at work by the right men from the Canadian Pacific Railway and the Grand Trunk Railway, as this is a junction for all these roads.

The Superintendent of the Grand Trunk and Staff, are watching some of the Bucyrus shovels at work out west, and the head engineer told me last week he liked our shovel, and thought it would work faster than the others. If the Grand Trunk push that trans-continental road through, (and the application for the charter has gone to Ottawa,) I feel morally certain that we will sell quite a few shovels.

*Not necessary to return this*

Dear Alrobalting

I find upon inspection this  
morning the enclosed letter from  
Thomas Mr. the paper for it was  
I send it to Stuartville so Mr Addison  
will see it. I also enclose my  
book promised last night.

You sent Mr. Rosa please send to  
have Mr. E. R. R. sent last night. It  
nearly cured my neuralgia I believe  
for I have not had a twinge of it  
since. I left Mr. Quinn at the railroad.  
Steady as a clock. I think he saved the  
rack as well as he could anywhere. I  
the Rm. I am sending you a small  
package containing the samples.

of Omecito made by Mr. Auden  
the one marked "D" is ours.

I wish you would ask Mr. Auden to  
pass his judgment on them and give  
if he can, the causes of the galling  
of the Edum. You might ask him  
if you will to write me direct on  
it. Kindest to Darling & the boys.  
Very sincerely  
D. H. Simpson

Jan'y 21/93

1/22/03/BLT/A

Thos. M. Thompson, Esq.,  
1524 Chestnut St.,  
Phila. Penn.

My dear Mr. Thompson:--

I duly received your pleasant letters (2) and so far as I can now see, shall be able to go out to the Cement Works next week, but it would suit me better, I think, to meet you Tuesday at the works, than to go to Easton the night before.

In the time you have stated you will be able to give to an inspection of the plant, I think we can say all there can reasonably be said, at this time, regarding the financial affairs: so if you will let me off Monday night, I shall M. V.-meet you about 11 o'clock A. M. Tuesday at the plant. There is one thing, however, you should know before hand and that is that my judgment as to what the plant needs in the way of mechanical changes-if any-is worth absolutely nothing. When I first became interested in the company, I believed from statements made to me (not by any officer, however,) that by the first of January, 1902 the plant would be turning out cement in large quantities.

When considering at that time the work that seemed to me had yet to be done, the statement made appeared to be impossible of realization. But when it was compared with what had already been done at that time, my opinion wavered and I was inclined to believe what was told me, and really did. It is natural, therefore, that I should be disappointed as to the present condition of things, but I am not discouraged as to the eventual outcome. I have never changed my opinion, that if our quarry

Thos. M. Thompson, Phila. Penn.

-2-

has the right stuff in it (and I am assured that it has) we have more than an ordinary business chance or great success, but we must make up our minds that no limit can be set as to the time.

As it appears to me, the broad, comprehensive plans of Mr. Edison are every where in evidence in this undertaking, and I believe it has as great merit and is as capable of great success as many other great enterprises originating with him, have had.

I do not know of any enterprises (the iron mine proposition probably excepted) that, when backed by loyalty, sufficient means, and business management, has not been an unusual success.

So far as the iron proposition is concerned and the methods adopted, the failure was not, as I understand it, in any sense due to the process but to causes that could not be foreseen. I therefore feel that loyalty and determination to see the thing through, so far as lies in our power, are not only due to ourselves, but to every stock-holder, no matter how small. I think you will agree with me in this unless you may view the physical conditions of the plant in a different light than I.

Kindly let me hear from you before Tuesday and greatly oblige,

Very truly yours,

My dear Mr. Bailey

Reply 1/26/03

I have been ill since last  
Friday - severe cold, tooth &  
rheumatoid discomfort and  
I was a regular level here  
you did. I have come to the  
office late today and found  
your letter of 1/24/03 saying  
you were probably be able  
to go out to the work Monday -  
I hope dear friend you will  
have much to go even though  
you do not feel it - I have  
two letters from Mr. Thomas M.  
and one of them is very pretty.

He as it shows him up all  
right and that his heart and  
head are in the right place.  
I will send you the letter soon.  
I think it would please Mr  
Edison & Mr Darling also.

I ~~joined you that~~ Mr Darling  
this afternoon that ~~the visit to~~  
Stewartville is postponed -  
Mr Thompson sends note that he  
is ill and can't make the trip  
now. It would be just rate for  
him not up to standard myself - Look  
out for yourself out there. Yr ~~truly~~ <sup>your</sup>  
overhead ~~overhead~~ brother ~~brother~~ <sup>brother</sup> Darling and  
the boys Sincerely yours  
R. Thompson



Dr.

G/R/C now being held  
gives much better promise  
than the other lot out  
of same bag. From all  
I can see it is fully up  
with the "Commencement" and  
it may be ahead of it.

If Prof. Mead has a couple  
of Braggett's models to spare  
I would like to have them.

V/c

Sincerely,

R.H.D.

CCS July 20/23  
Dear Mr. Ballou

I have your three faxes  
of yesterday and am much obliged  
for the "New Year for America".  
This an interesting document but  
will probably be forgotten very  
much in time.

I see the situation re. Crumley  
OK.

I am receiving the "Log" daily  
and owe you for the pleasure  
it gives me to study them.

I am very sorry to hear that Mr.  
Ellen has had a bad time again.  
But he is in the fashion if that  
is any consolation, which it is.

this out - I am simply wrecked  
by my look illness - and it  
appears to have left me with  
a very offensive eruption in  
the head, a disease which  
I have always prayed I might  
escape - I can only hope  
never to cure or modify it  
in some way.

Mr Bird says he is ready to  
go with Mr. Garrison to do work  
any time as a preliminary, to  
consideration of the bond issue  
but we don't want to go till  
there is something good to be seen  
I wish you would make a memo  
of this and advise me as to when  
~~when~~

I sent Pelling \$1000. Thursday  
last and received acknowledgment  
today. He wants \$26,600 more  
for July - I might possibly raise  
\$8000 more which would be  
\$18,600 if the \$6,600 he needs.  
Can you do this week?

The cement moulds to have  
been received - much obliged

Sincerely yours,

P. H. Thompson

HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

HAILEY H. DAY,  
MANAGING.

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DULIS, GERMANY.

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PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

MEALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL WERKSTADT EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. 2/7/03/RHT/A

W. S. Mallory, Esq.,  
Orange, N. J.

Dear Mr. Mallory:--

I have your letter of yesterday enclosing note from Mr. Edison, for which I wish you would especially thank him for me. If nothing comes up between now and the time he has decided to start for Florida, to prevent me going, I shall go sure, for I feel that I need it sadly.

I am glad the "cement" seconds are going, and I hope the sale will be a bargain to the buyer. I know of nothing today to prevent Reid and myself going to Stewartville Tuesday morning. I take it that the <sup>very</sup> day is better as you do not say to the contrary. I hope so.

If you can place another friend of mine on the Battery list to receive early attention, I would be very much gratified. The gentleman to whom I refer is Mr. Henry M. Palmer, a resident of Brooklyn, and in a way, I believe, connected with his brother, Lowell M. Palmer of sugar refining fame. The Palmers are both good men and good people to know. I refer to Mr. H. M. Palmer as a friend of mine, but I may be claiming more than I am entitled to. The request from him, a copy of which I enclose, was not addressed to me, but to a mutual friend ~~of mine~~, who forwarded it with the request that I do what I could to get his order on file in the Battery factory if you are in shape to make the style of batter he describes. If you will write Mr. Palmer direct, #216 Clinton Av., Brooklyn, and tell him whether you can be now or later of service to him, I shall feel as I say greatly obliged.

Very truly yours,

*W. S. Mallory*

My dear Mr Mallory;

Have just returned  
and have not time to  
write you only to say  
that I left Mr E. Sunday  
night fairly well. He  
handed me the enclosed  
letter to give to you - will  
see you soon I hope

Very truly yours  
R. H. Mayo

3/26/00

Allyn 4/4/23

Dear Mr. Aballory,

Some time ~~ago~~ <sup>before</sup> at the  
Nine last night and took wing  
to the pond. I had <sup>originally</sup> ~~intended~~ to give them  
a couple of ~~does~~ <sup>does</sup>. But found that  
the little point on the reproducers  
was missing and the truck  
was consequently a failure.  
I intended to send the  
reproducers to you by mail  
today but did not think  
of it when leaving the house.  
If you will kindly put me  
in with the record I asked  
you to send I'll return the

me we have which is ok.  
Except the point - I'm  
having to give this  
attention I've obliged  
I won't let it wait  
till later. My love  
to her. I hope he is  
over the hump. I find  
your pointing that these books  
are much more generally worn  
than I once supposed. I'll  
say they are great.

Sincerely

P. H. Thompson



HARROLD H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MASTEN H. DAY,  
ASSISTANT.

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JULIEN, CEMETARY.

SOLE AGENTS:  
"CORTEXA, BROOKLYN."

S

W.S. Mallory, Esq.  
The Edison Portland Cement Co.  
Stewartsville, N.J.

Dear Mr. Mallory:

I have your letter of yesterday, enclosing copy of Mr. Edison's letter to Mr. Pilling. I wish I were in a position to give you a definite answer as to what I can do, and when I can do it.

In the securities I hold there is now probably an equity of \$50,000, which if no other means shall be forthcoming in the meantime, shall be subject to the fulfillment of my conditional agreement of last November, which has been almost carried out, ~~and~~ **W**ith me it is merely a matter of ability--and I hope the market may take a turn to help me out.

I fully realize the situation, and Mr. Edison knows I will be loyal. My feet are 100 degrees in the shade, and I wish I could transmit a little of the heat to Philadelphia, for I have more than I need.

I am going away this P.M. to be gone the remainder of the week. I'll be at the annual meeting D.V.

Very truly yours,  
*W.S. Mallory*

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALL  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTOR EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BIRMINGHAM, 1895.

BROOKLYN, N.Y.

April 7, 1903

E.P.C.

HENRY D. THOMPSON,  
PRESIDENT.

BERNARD N. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHADOLD,  
TREASURER.

MARTIN E. DAY,  
SECRETARY.

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PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS' EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION BORNEAU, 1895.

BROOKLYN, N.Y. April 16th, 1903.

W. S. Mallory, Esq.,  
Edison Portland Cement Co.,  
Stewartsville, N. J.

Dear Mr. Mallory;--

I have just been called on telephone by my friend Shadbold, the truck manufacturer of Brooklyn with whom you had some conversation re storage batteries at the Manufacturers' Dinner - you will remember.

He wants to take some drawings and blue prints out to show to Mr. Edison and yourself with the view of making his trucks for the new battery.

I have told him that he had better go to Stewartsville instead of to Orange as Mr. Edison would be better able to give him an hour or two there than at Orange; so he thinks if agreeable to you, he will go out Tuesday next. If you have any suggestions contrary to this plan, kindly let me know.

I see no reason why I shall not be able to raise - 5 - for the Cement Company late this month.

Regards to the boss,

Very truly yours,



HERBERT H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAFER,  
TREASURER.

MAURICE H. DAY,  
SECRETARY.

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PRINCE & CONCORD STREETS.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG., PARIS & LAUREN, FRANCE.  
JULICH, GERMANY.  
SOLE AGENTS:  
G. CORTELL, BROOKLYN.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTORS' EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BIRMINGHAM, 1895.

BROOKLYN, N.Y. 4/18th-1903.

W. S. Mallory, Esq.,  
Mason Portland Cement Co.,  
Stewartsville, N. J.

Dear Mr. Mallory;--

I have your letter of yesterday and have telephoned Mr. Shadbold who says he will defer his visit to Stewartsville till Wednesday, Thursday or Friday of next week - he is not yet certain which day.

Mr. Moyer called to see me to-day and I am sorry he did not have a more extended talk with Mr. Edison for I believe he comes as near the right sort of man for that work as any we can find. He may not be perfect, but I am of the opinion - with all due respect to it, that he would be a vast improvement on our last outfit. He expressed himself quite freely to me as to the kind of administration needed to produce dividends and in a general way, they accord with the views of Mr. Edison and myself have expressed to me over and over again.

I earnestly hope that we shall take advantage of the present opportunity to secure his services as far as you are aware, he is not asking an exorbitant salary.

He tells me that the people with whom he is now associated are talking of building the largest sugar works in the world and that he expects to be offered the designing and engineering work. He would, he says, rather come with us for he believes so thoroughly in the cement business and understands it. The Sugar Trust people are back of the project in hand now and I suppose he feels he would be more at home with us and have a better chance for advancement in the cement business.

I favor Mr. Moyer strongly and I believe he is just such a man as Mr. Edison would like and trust and I also believe the directors - to a man - would be pleased with him. If you favor the suggestion of Mr. Moyer coming out to Stewartsville next week with Reid and myself, please state what day. You might wire me - if you think best.

Yours truly,

*W. S. Mallory*

*Pls. See and this (special stamp) to  
Orange.*

HENRY D. THOMPSON,  
PRESIDENT

HENRY D. NORRIS,  
VICE PRESIDENT

EDWARD S. SHAPIRO,  
TREASURER

MARTIN H. DAY,  
RECORDING

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FOREIGN FACTORIES:  
LONDON, ENG. PARIS & CHATELAIN, FRANCE.  
SAULX-LEZ-RENNES.

CAULS ADDRESS:  
"CORTEXA, BROOKLYN"

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

HEAD-  
AMERICAN INSTITUTE, NEW YORK, 1893.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. April 21st, 1903.

W. S. Mallory, Esq.,

Stewartsville, N. J.

Dear Mr. Mallory;--

Mr. Meyer has agreed to go to Stewartsville with me next Thursday, and I hope Mr. Edison will have time to size him up fairly. While it would be absurd for me to pass judgment on Mr. Meyer, I really think he is the most available man now to be had at any reasonable price. I called to-day at his office - 271 Wall Street - and found him in the midst of his design for a new sugar refinery. From the appearance of his work, I should think him an excellent draftsman, as well as a good designing engineer.

He talks to me very freely and so far as I am able to judge, his business views are sound and I believe he is a pusher - notwithstanding the report you received regarding that part of his make-up. He is just the man in my opinion to make Mr. Edison feel safe and satisfied when absent from the works.

I don't believe you would find him very meanly-mouthed if he was put in charge of the work. I hope he will be engaged - if the job is too much for him, he will not want to stay.

If it is not best to come Thursday, telegraph me to-morrow.

Yours very truly,

*June 2 -  
Telephoned Mr. T. -  
I think Meyer better not go -  
to S.T. tomorrow - but I suggest that the plan  
go up & talk over the situation & plan  
with Mr. Meyer -  
later - told him I was  
coming myself  
plus myself*

HURBERT H. THOMPSON,  
PRESIDENT.

HENRI D. SCHUBB,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
MANAGING.

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FOREIGN FACTORIES:  
LONDON, ENGLAND, PARIS & EXETER, FRANCE.  
JULIUS ROHMANN

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL INVENTORS EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BRUSSELS, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN."

BROOKLYN, N.Y.

April 25, 03

S  
W.S. Mallory, Esq.  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory.

Mr. Edison, I presume, will be in Orange tomorrow, and I wish you would tell him that I sent Pilling \$5,000.00 on the 22nd and find that by selling my last shirt, I can let him have \$20,000 more after the first of May. This will be all I shall be able to do, as my securities are all up for collateral and on close margins.

I send you this that you may know how to arrange your advances. Let me know how you think I better sent it and oblige.

I hope you will get great fun out of moving and health from the rest.

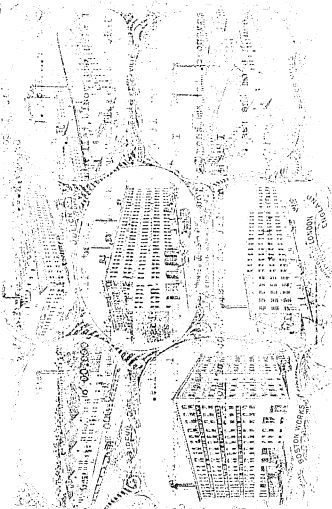
With regards, I am,

Yours truly,

*Telegraphed -  
Com 6 - would be  
here - 4/7-03  
"3d"  
What day could I return  
at the laboratory?*

[ON BACK OF PRECEDING PAGE]

Release  
to the public  
not Sub. material  
P. J. M.



HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. SELLERS,  
VICE PRESIDENT.

EDWARD S. SHAMPE,  
TREASURER.

MAURICE H. DAY,  
ARCHITECT.

## THE THOMPSON & NORRIS COMPANY,

CORRUGATED PAPER AND PAPER SPECIALTIES.

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

BRANCH WORKS:  
BOATON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENG. - SMITH & KENDALL, FRANCE.  
JELICH, CZECHIA.  
CARLE ADDRESS:  
"CORTESA," BROOKLYN.

MEALS.  
AMERICAN INSTITUTE, NEW YORK, 1883.  
INTERNATIONAL HYGIENE EXHIBITION, LONDON, 1884.  
EXPOSITION, UNIVERSSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. May 11, 1903

S  
W.S. Mallory, Esq

Stewartsville, N.J.

My Dear Mr. Mallory:

I am just in receipt of your favor of 9th inst. with blue print as stated. This print is of little use to me, as I cannot read Arabic, and I will return it to you if you need it.

I did not think that anything said to Mr. Edison or yourself when Read and I were with you, would give you the impression that we were criticizing the progress of the work now going on at the plant, for it would be the very height of presumption on my part and I would not do it. It was, however, apparent to him and myself in going through the plant that there was not the life and interest shown in the work that would have been very pleasing to see, but while it is very discouraging to know it, the reasons you give for this apparent apathy are to the point, and I take it are correct.

Moyer. The criticism made by him was not in the way of fault finding. He simply said to me, or rather as I understood him, that from his own standpoint as a draftsman, he could not understand the need of so many, or in other words, that considering the necessary slow construction, fewer draftsmen could keep the work up. These were not his words, but simply the meaning, as I understood it. While he might not be an ideal man to take charge of the plant, in my opinion you might "look further and fare worse"

W.S.Mallery

2

4/11 03

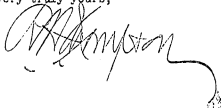
Your idea of having Mr. Thomas M. Thompson come out with Mr. Reid and myself is excellent, I think, and while I might not be able to stay more than a day or two, I shall be glad almost any time to go. I feel that if Mr. Edison and he were better acquainted, there would not be on Mr. Edison's part the feeling that appears to exist.

I think Mr. T. is very frank in expressing his views as they come to him, and while he may not have as pleasant a manner as some, is it not better than if he suppressed them only to have them break out in some unexpected and more disagreeable form.

I am much obliged for your letter, but regret that you thought necessary to make any explanation--for it was not.

Very kind regards to Mr. Edison and yourself.

Very truly yours,

A handwritten signature in dark ink, appearing to read "W.S. Mallery", with a long, sweeping flourish extending to the right.



HENRY H. THOMPSON,  
PRESIDENT.

HENRY D. NORMAN,  
VICE PRESIDENT.

EDWARD S. SHAFFER,  
TREASURER.

MAURIN H. DAY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

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PAPER FACTORIES:  
LONDON, ENG. PARIS & LYON, FRANCE.  
SOLE, GERMANY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL HYGIENIC EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1905.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN"

BROOKLYN, N.Y. June 11, 1903

S  
W.D. Mallory, Esq  
Edison Laboratory  
Orange, N.Y.  
My Dear Mr. Mallory:

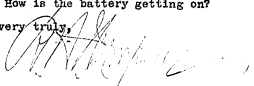
It is a long time since we had our last drink together, and I'd like to know how Mr. Edison and yourself have been getting on since that joyous day. Has anything occurred to change his views as to the time of resuming operations, and if so, could you briefly outline it to me?

The final note, which you countersigned and returned to Philadelphia, has been sent to me and all the previous ones returned to the Company.

I suppose you have noticed that the stock market has been awfully sick for a long time. If I had dreamed that it would act as it has, of course it would have been the thing to have sold out and not borrowed from my bank on the collateral, the margin on which is not now any too high, let me tell you.

Some way should be devised if possible to reimburse Mr. Edison for the princely way he has stood by the Company in its vicissitudes. I shall be glad to lend my vote to any proposition in that direction.

We intend moving down to Long Beach -- where I own a little shack -- about the 15th. It will be a good place for you to come Saturday night to get cooled off. It would be a fine trip on an automobile, there being a good road, I am told, all the way. How is the battery getting on?

Yours very truly,  


ROBERT H. THOMPSON,  
PRESIDENT.

HENRY D. NORRIS,  
VICE PRESIDENT.

EDWARD S. SHAPIRO,  
TREASURER.

MARTIN H. DAY,  
MANAGING.

## THE THOMPSON & NORRIS COMPANY.

CONDUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENGLAND, PARIS & EXTERRE, FRANCE.  
JULIEN, LEXAUVY.

PRINCIPAL OFFICE & WORKS.  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL HYGIENIC EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S CHRISTIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEN, 1893.

CABLE ADDRESS:  
"CORTXA, BROOKLYN."

BROOKLYN, N.Y.

July 8, 1905.

S

W.S. Mallory, Esq.  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory:

I am just in receipt of your favor of 6th inst., enclosing recommendations of Mr. Moulton. I have read them through carefully, and it would be folly for me to criticize - even if I could do so - which I cannot. I have in mind no one else who could probably any better stand the very thorough inquiries you have made. Mr. Moyer is the best man I know of, but as he is unavailable, I shall be glad to vote for Mr. Moulton, if the question of his engagement should be submitted to the Board.

I will bet you a box of cigars that we shall not be making Cement before September 1st. Read and I would like to come out and see Mr. Edison and yourself some day next week - either at the Cement Works, or at Orange. Kindly let me know if it would be agreeable to have us come. I will show Mr. Read the recommendations and your letter at lunch today, and if he has no comments to make, I will mail them back to you this evening.

With very kind regards to Mr. Edison and yourself, I remain,

Yours very truly,

*Later*

*Mr. Read did not come in today - but I will stand for him on the Moulton proposition*

GP 200

Dear Mr. Ballou

~~Very~~ <sup>clement</sup>  
~~very~~ <sup>come</sup>

Have you an orange such  
a thing as a hydraulic press into  
a plate 12" x 24" or over. We  
want to make a matrix to cast  
some rubber dies about that  
size. We have nothing in our  
shop strong and heavy enough -  
any price that we could get a  
good squeeze on would do  
as well as a hydraulic press.

Would it do to remit for my  
instalment on the battery stock about  
two weeks late? In trying to pay  
Amintank I have run my balance  
down below the point I ought to  
carry in bank especially when I am  
at the bank every or the 6th

loan they are carrying for me.  
Money I hear is 40% today  
and I'm afraid to go into the bank  
lest they may call my loan.

Everything looks sick, but  
there are brighter days ahead.  
At our time of anticipation & change  
Pain is immensely coming for the plant  
to get into regular working order to  
the new firm who have the cash.  
I hope Darling had good luck  
today - In haste for the  
lights are going dim.

Yours

P.H. Thompson

See 10/03

HUBERT H. THOMPSON,  
MANUFACTURER.

BENJAMIN D. NORRIS,  
VICE-PRESIDENT.

EDWARD S. SHARPE,  
TREASURER.

MARTIN H. DAY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
HILLS BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON ENG. PARIS & EXETER, FRANCE.  
JULICH, GERMANY.

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS:  
AMERICAN INSTITUTE, NEW YORK, 1877.  
INTERNATIONAL INVENTOR EXPOSITION, LONDON, 1883.  
EXPOSITION UNIVERSIELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION BORDEAUX, 1895.

CABLE ADDRESS:  
"CORTEXA, BROOKLYN"

BROOKLYN, N.Y. Dec. 17, 1903

W.S. Mallory, Esq.  
Edison Laboratory  
Orange, N.J.

My Dear Mr. Mallory:

Mr. Reid and I have had some talk about the Cement business of the future in the light of the proposition to give the agency to Philadelphia and to refer all orders, by whomsoever received to that point, and if you can get over to New York Sunday and take dinner with me (one o'clock) I will try and have Mr. Reid there to further discuss the subject.

As long as the proposition only binds the Company to a temporary arrangement, I do not see that anything better could have been suggested than the arrangement which our Philadelphia friends were to put on paper later on, but I do not think it would ever work well as a permanency, particularly after we get to turning out large quantities.

Mr. Edison, yourself and I know some of the Philadelphia directors would prefer to have head-quarters in New York, and both Reid and I agree with the idea. We do not believe, - able as our friends in Philadelphia are - that the business should be attempted by any one interested in any other lines.

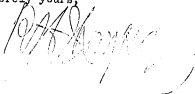
Our little job of a side-walk has been "balled up" owing to the difficulty of getting the cement at the time it was positively promised. The cold weather struck us, and although Mr. Moyer got thirty or forty feet laid, he feels doubtful as to how it will "pan out" owing to freezing weather coming on suddenly before the "initial set"

Mr .Moyer tells me that there is no question in his mind as to the superiority of the cement , for judging from the way it "trowels" and from other indications - that an experienced operator will notice - he says he thinks we will find it equal to the best imported cement.

If you can come over Sunday, I will try and have Moyer over too. Let me know tomorrow by wire or telephone whether to expect you or not. If you telegraph (in the afternoon) please send to my house #330 West 86th St.

I hope you will come and bring good news of your daughter.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "R. H. Moyer", is written over the typed name. The signature is fluid and cursive, with a large, sweeping flourish at the end.

**Edison Portland Cement Company Records  
Corporate Files - General (1904)**

This folder contains correspondence and other documents relating primarily to company finances, the board of directors, and activities at the Stewartsville works. Most of the letters are to or from Edison and Walter S. Mallory. Other correspondents include Theron I. Crane, William S. Pilling, and Robert H. Thompson. Some of the letters concern the decision to double output at the cement plant. A few items pertain to coal consumption, briquettes, magnetic separation, and methods used at other cement companies.

Less than 10 percent of the documents have been selected. The unselected material includes receipts, price lists, and correspondence with vendors of equipment, supplies, and services.

80 BROAD STREET.

NEW YORK, Jan. 12th, 1904.

W. S. Mallory, Esq.,

Orange, N. J.

Dear Mr. Mallory:-

I duly received, and have to thank you for, the circulars of Mr. Edison's cement plant, as well as for the copy of the "Engineering Record" of December 26th, giving a minute description of it. I have read the latter with great interest, and it has made the round among the Messrs. Villard and other friends of mine, all of whom admire the great ingenuity again displayed in this gigantic undertaking by Mr. Edison.

When Mr. Villard, who, as I believe I told you, is convalescent from typhoid fever, is entirely well again, and when the weather shall have moderated, he would like the privilege of seeing the work, which, I trust, you will grant him.

Yours, very truly,

*G. Villard*



HENRY B. THOMPSON,  
PRESIDENT.

HENRY D. NOLAN,  
VICE PRESIDENT.

EDWARD S. SHARPE,  
TREASURER.

SAUL H. LEVY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY.

### CORRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
HILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENGLAND; PARIS, FRANCE;  
JULIER, GERMANY.

SOLE AGENTS:  
'CORTEXA, BROOKLYN'

PRINCIPAL OFFICE & WORKS,  
PRINCE & CONCORD STREETS.

MEDALS.  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL INDIAN EXHIBITION, LONDON, 1883.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

BROOKLYN, N.Y. 2/20/04/BHT/A

W. S. Mallory Esq.,  
Edison Laboratory,  
Orange, New Jersey.  
Dear Mr. Mallory:--

I have your letter of yesterday. Thanks for the information re Mr. Edison's trip south. I know it would be a great pleasure to Mrs. Thompson and little Marion if they could go on the same train, but their arrangements have been made for the 25th, and I am not sure they can be changed.

I have not received a copy of the letter to the stockholders re bonds. I suppose I will get one of the revised ones soon.

I am glad the damage suit has been settled and hope we will have no trouble with the Darling family. I approve of the decision of those present at the last meeting, although I don't think Mr. Darling was all that he seemed to be. I know he gave me one crooked tip.

I hope the pleasure of Mr. Edison's trip will not be interrupted this year by any trouble at home. Say to him if he will see that Mrs. Thompson is supplied with a tarpon outfit, I shall be greatly pleased. She scorns the idea of Jack-fish, Cat-fish, eels, crabs, etc.; nothing short of a 175 lb. tarpon will satisfy her this trip.

I wish you would do for me what I did not have an opportunity to do the night of the Edison banquet and that is to thank Mr. Edison for Mrs. Thompson and myself for the most enjoyable evening either of us has had for many a long day.

Very truly yours,



Feb 24 04  
New York  
33 West Eighth Sixth St.

My Dear Mr Mallory

I had an interview with President  
Kish of the Tullahoma Co. - He has  
just returned from Colorado.

You may remember that I spoke to  
you of a device which his Company  
have been testing in the works for  
the purpose of saving coal.

He tells me that in the roadways  
where they formerly consumed twenty  
three tons per day; they now consume  
not over thirteen. The roadways  
are not "colery" but they require

a long flame and the  
heat he tells me is greatly  
increased by bringing back  
and re-burning the gases that  
otherwise escape out the stack.  
These gases are, it seems, removed  
by a supply of oxygen in  
some way which I did not  
understand. He thinks it might  
be applied to the rotary kilns  
at the cement works. The  
inventor will be here ~~and~~  
this week + if you would like

to have an interview I think I  
can arrange if I am so lucky.  
He comes over from Edison for  
to be can effect, as he says  
he is doing in line Kinetograph  
40% he might be able to  
do the same for us.

While I can not believe  
all this it might be worth  
looking into. If it looks  
interesting to you I will go  
further into it. Let me  
know please. Love & regards  
R.A. Thompson

Myers Fla Mich 16 1904

Mallory

I think that working plans should be got ready to change No 2 Elev to Belt, and that when we start crushing The shop can go ahead while Mill is running & manufacture & erect as far as possible the Belt Conveyors so that when the time comes the change could be made in a week = as for the present elevator I think it will run for several weeks without changing ropes & then could be changed in 2 1/2 days if planning is done right, in any event if you decide to change rope now - have proper plan & tools & enough Rope splicers & see how quick it can be done.

7

2

tell Mason that we should have large margin of height at the dumps on the new conveyors as we will at times (ultimately) carry 800 tons. There is lots of spill on dump from No 10 to No <sup>10</sup> ~~10~~ Conveyor at <sup>Rock</sup> Stock House, there does not seem to be height enough & he should not duplicate the mistake at No 2 Elev this is important !! same applies to dumping on belt over top of Blower -

Is Goddard going to quit us as you said & when -

What progress is being made on experiments for soldering rivets on Can top of battery -

E

ROBERT H. THOMPSON,  
PRESIDENT.

HENRY D. ROSSIGNOL,  
VICE PRESIDENT.

EDWARD S. SHARP,  
TREASURER.

MATTHEW H. DAY,  
SECRETARY.

## THE THOMPSON & NORRIS COMPANY,

### COBRUGATED PAPER AND PAPER SPECIALTIES.

BRANCH WORKS:  
BOSTON, MASS.  
MILLS, BROOKVILLE, INDIANA.  
FOREIGN FACTORIES:  
LONDON, ENGLAND; PARIS & CAEN, FRANCE.  
JALISCO, MEXICO.

PRINCIPAL OFFICE & WORKS.

PRINCE & CONCORD STREETS.

RECEALS:  
AMERICAN INSTITUTE, NEW YORK, 1876.  
INTERNATIONAL HYGIENE EXPOSITION, LONDON, 1882.  
EXPOSITION UNIVERSELLE, PARIS, 1889.  
WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893.  
EXPOSITION, BORDEAUX, 1895.

CABLE ADDRESS:  
"CORTEXA," BROOKLYN.

BROOKLYN, N.Y. March 23, 1904

S

W.S. Mallory, Esq.  
Edison Laboratory  
Orange, N.J.

Dear Mr. Mallory:

Can you give me any information about a phonograph to be used for business purposes, i.e. to dictate letters to? We have a friend who is thinking of getting one, but does not know as to the efficiency of the machine, nor how to proceed to get all facts, pro and con. Would you recommend it for the purpose named?

The Edison Portland Cement Co's note for my last remittance was duly received. I ought to have acknowledged it before this, but -- Oh well, what the deuce is the use of a poor excuse?

We are getting estimates on our new building, but so far, concrete construction is way up out of sight.

With kindest regards,

Sincerely yours,

MAR 24 1904

Wm. H. BULLOCKING  
PRESIDENT  
J.W. D. MALLORY  
VICE-PRESIDENT  
W. S. PILLING  
TREASURER  
THOMAS L. GRAHAM  
SECRETARY  
THOMAS A. EDSON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 4/15/'04.

Dear Sir :

Mr. Edison has requested that the directors' adjourned meeting shall be held at Orange next Thursday, April 21st. If this arrangement shall be satisfactory to the directors, notices will be sent for meeting on that day. Will you kindly advise whether this arrangement will suit your convenience ?

I deem it proper to advise you that the Company is entirely out of funds and will not be able to meet notes maturing this month, nor the pay-roll due on the 18th. At least \$20,000 must be provided during April. This critical condition has been explained repeatedly at Board meetings, but has now reached a crisis, and prompt action will be necessary to avert serious trouble, if not disaster.

I enclose list of notes maturing this month, some of which must go to protest unless funds are provided.

Yours very truly,

W. S. PILLING,

Treasurer.

W.S.P.

ENCL.

*Pd* 5000.  
*Pd* 5000.

[ENCLOSURE]

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS,  
PHILADELPHIA.

PAYMENTS TO MEET.

Notes given for Merchandise payable in April, 1904.

April 17	Reigel Sack Co.	\$2604.18
18	Pay Roll	6200.00
22	Rock Plaster Co.	603.40
25	Triumph Electric Co.	1000.00
29	Forcite Powder Co.	698.37
29	J. H. Hagarty	961.46
30	American Locomotive Co.	<u>530.76</u>
		12948.19
	Unpaid January Voucher	3957.27
	" February "	4456.49
	" Salaries	1965.00
	Bills at Works not yet vouchered	<u>18425.08</u>
		\$41752.03



Dear Mr. Ballou:

MAY 12 1894

I do not know whether you  
were present when Mr. Edison  
spoke <sup>of</sup> hair grower which  
~~Mr. Edison~~ <sup>he</sup> said was getting  
his hair out in such profusion  
but no matter for that - what  
I want like is to get the  
formula or some information  
that will enable me to get  
some. Don't understand that  
I need this for myself. for  
I have more hair now than I  
deserve. I want it for a friend  
whose hair is falling out in

strong as big as that horse tail  
we saw at the show the other  
night - I think Mrs Edison gets  
the stuff for him. He promised  
to let me know but will forget  
it if not reminded in case -  
We all thank you & Mr E for  
the kind entertainment on our trip  
to Paris.

Sincerely yours  
R.H. Thompson

5/11/04

Dr. Elliott

#36 @ 30th St., N.Y.

P.S.

Attention to this matter will be  
welcome I know for it will give you  
something to do & relieve the  
boredom of waiting for a short  
time at least -

Form No. 1.

D 1904 Cement

**THE WESTERN UNION TELEGRAPH COMPANY.**

INCORPORATED

23,000 OFFICES IN AMERICA.

CABLE SERVICE TO ALL THE WORLD.

This Company TRANSMITS and DELIVERS messages only on conditions limiting liability, which have been accepted by the sender of the following message. It is not to be quoted except as appearing in the original message, and the Company will not hold itself liable for errors or omissions in the transmission of messages or for any delay in the delivery of messages. The sender of the message is to be held responsible for the accuracy of the message and for the amount of toll paid thereon, and in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNRECEIVED MESSAGE, and is delivered by request of the sender, under the conditions named above.

ROBERT C. CLOWRY, President and General Manager.

NUMBER	SENT BY	RECD BY	CHECK
53	me	me	6 Pd.
RECEIVED at 230 MAIN ST., ORANGE, N. J. May 28 190			
Dated (Newarkville) 4:20 PM 28			
To Thos A. Edwards Orange			
Another one hundred			
percent run today.			
W. H. Mason			

*Spencer*  
W. M. BEATHELL,  
President.

CABLE ADDRESS:  
"RUTILE" WASHINGTON,  
A-H-C Care Case.

HENRY WOOD WILSON,  
Secretary and Treasurer.

AMERICAN RUTILE COMPANY.

OFFICE:

PACIFIC BUILDING, 625 AND 624 F ST.

HIGH GRADE  
RUTILE CONCENTRATES  
FOR TYLANDER ALLOYS,  
ORRANTO INDUSTRY, ETC.

WORKS AND MINES AT  
IRELAND,  
NEW JERSEY, VIRGINIA.

WASHINGTON, D. C. U. S. A. June 2, 1904.

Thomas A. Edison, Esq.,

Llewellyn Park, N. J.

Dear Sir:-

*W* *Say do not make*  
*for sale - 4*  
We notice that you have lately taken out a patent for a new magnetic machine for the purpose of separating slightly magnetic material from non-magnetic material. We are desirous of securing such a machine to eliminate Mennacanite from our Rutile concentrates. We enclose a small sample of our Rutile, which contains some slightly magnetic mineral, which we want eliminated.

We will be pleased to hear from you on this subject.

Yours very truly,

AMERICAN RUTILE COMPANY.

*W. M. Beathell*

Pres.

WMS/FBS

Dear Mr. Ballou: 6/6/02

I have your reports and  
am pleased that what I saw  
in the foundation ~~of the bridge~~  
was not a crack. I never liked  
them - in a concrete structure.

I enclose clipping from today  
"Times" which if you have not  
already - please read &  
hand to the Boss. I don't  
know what he needs any starch  
in his life, nor a warming pan  
for his feet. But if he does, this  
will help some.

Sincerely yours  
R. A. Thompson

Bonds received

WM. H. SHELMERDINE  
PRESIDENT  
W. B. MULLIN  
VICE-PRESIDENT  
W. S. FILLING  
TREASURER  
THEODORE L. CHASE  
SECRETARY  
THOMAS A. TIGHE  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia, June 8, 1904

Dear Sir:

Under authority of the stockholders of The Edison Portland Cement Co., your directors have created a mortgage for \$1,500,000 dated April 1st, 1904, maturing in 25 years, bonds bearing interest at 5%, with usual Sinking Fund conditions. The Company is now offering these bonds for sale at 90% and accrued interest. The directors have subscribed and paid for at this price, about \$900,000 of the bonds.

At a meeting of the stockholders held on Tuesday, May 10th, 1904, it was fully explained that in order to make the stock of the Company a paying investment, it was necessary to materially increase the production of the plant. With this object in view, the directors gave out contracts for additional machinery, which is at the present time being installed and it is expected will be in operation during the coming month. The directors find it necessary to sell at least \$200,000 more bonds, and at the said meeting a resolution was adopted providing that a request be made to the stockholders and an opportunity be given them to subscribe for these bonds. The directors, following out the purpose of this resolution, in order to make your present stock holdings valuable, earnestly call upon you to assist in the matter of the sale of these bonds by subscribing for them.

The plant, without question, in its appointments, is unsurpassed, and the cement manufactured is of an exceptionally fine quality. The future of the enterprise is assured as soon as we reach that point when, without materially increasing our present expense, we shall be able to double the present production. It is urged that this sum of money be raised at the earliest possible moment in order that the Company may pay for these additions and improvements.

We would respectfully request that you notify the Treasurer, Mr. W. S. Filling, Girard Trust Building, Philadelphia, as to the amount of your subscription.

Yours very truly,

WM. H. SHELMERDINE,  
President.

WM. H. BREWER  
PRESIDENT  
W. S. HALL  
VICE-PRES.  
W. B. PHELPS  
TREASURER  
THOMAS I. CRANE  
SECRETARY  
THOMAS A. EDISON  
GEN'L MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 6/21/'04.

*Received June 24/04*  
Mr. Thomas Edison,

Orange, N. J.

Dear Sir :

It may interest you to hear that we saw a few days ago an itemized cost-sheet of a Lehigh Valley mill. We were not in position to take memoranda, but from memory the writer made some memoranda immediately afterwards.

The limestone is brought from the Lebanon district. The cost was itemized per barrel and was run out into very small fractions. The total cost was 67 cents, to which was added packing, shipping, etc., 4 cents, making the total 71 cents; the cement rock and labor 2.50 cents; limestone and labor 15 cents. This seems extraordinary, but the figures were repeated. Gas coal 13 cents; steam coal 7 cents; repairs to ball mill 2 cents; repairs to griffing mill 2.50 cents. We cannot recall the other items of cost.

Last evening we talked to one of the officers of the Phoenix Co., and he told us that the cost per barrel of Phoenix cement during May, including interest on bonds, was 56 cents, and that this included the long depreciation. From what we can gather, the cost per barrel of the Lehigh brand is in the neighborhood of 50 cents per barrel, as they have their limestone on the ground with the cement rock. Cement has been sold at 75 cents, some orders at 72 cents, and we have heard of one large contract at 67 cents.

W.S.P.

Yours very truly, *H. A. Pell* Treas.

[ON BACK OF PRECEDING PAGE]

My Dear Mr. Pelling -

Yours regarding costs of  
Carnegie in Lehigh Valley recd -

This thing is sprung on the board  
periodically by Mr. Crane, ~~and~~

~~and is used in connection with~~  
~~the various other business of the~~

~~Enterprise~~ In my opinion, ~~that~~  
it would be to the advantage of all  
concerned that Mr. Crane, before he makes

his periodic effort to prevent us  
from obtaining money to carry our  
Enterprise through, to get a reliable

balance sheet giving actual facts  
that can be used in support of the

figures you give. When the prices for  
last few years should have shown dividends  
or indications for the present of that character by any  
Zelma.



NEW YORK, CAPITE BUILDING PITTSBURGH, FARMERS BANK BUILDING  
PORTLAND, BOARD OF TRADE BUILDING

PILLING & CRANE  
IRON, STEEL, ORES, COAL, COKE  
GIRARD TRUST BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA

June 25, 1904.

My dear Mr. Edison,-

I have your favor of 24th instant, and regret very much that you are annoyed by our statements as to the cost of cement at other plants. We supposed that any information of this kind was of such interest that you would like to receive it, and while we are not always prepared to make affidavits as to correctness of statements made by others, we nevertheless receive them from people of such integrity that we should no more doubt them than we should any other statements of similar nature. You will also understand that the cost of cement last year was quite different from this. We also have been informed that the profits made last year by the cement companies were large. The Whitehall Company built a new mill for about \$350,000.00, the money having been loaned by the directors without security, and we were told that about two-thirds of the cost of the mill was realized in profits last year. We are informed that the Lehigh Portland Cement Company is producing cement at a price much under 60¢ per barrel with the present low price of coal. They last year paid good dividends on their capital of \$1,750,000, and charged off \$500,000 for extra depreciation, and passed a goodly sum into their profit and loss account. It is somewhat difficult for us to secure the balance

Mr. Edison, 2

sheets of these companies, as you will readily appreciate that they are not sent around in circular form, and we have thought ourselves quite fortunate to be able to get information of the character named, supposing that you would like to have us do so and transmit it to you. It hardly seems fair to criticize us for this action, especially to construe it into an unfriendly act. While we do not think it proper that we should probe into other peoples affairs, we are nevertheless willing to get such data as we can. If it is true we may be able to profit by it: if not true we have given the best information we can get. In this connection, we do not remember whether or not we have advised you that the Atlas Company is now running 14 roasters each 107 feet long, they having changed them from 60 feet. They state that they are getting a great economy of fuel as a result of the change.

You may rest assured that we are deeply interested in the success of the company, and any action on our part could be construed in no other light than that of co-operation with you to secure the best results, and we take it that you are not afraid to hear of what others are doing, knowing that you are not built upon the ostrich plan.

Yours very truly,

W.S.P.  
S.

P. S. We have just received the following telegram from our Pittsburgh office

"I have absolutely reliable information that Lehigh is selling cement car loads at seventy two cents, and that standard Lehigh brands have been dropping at rate of about one cent per day for the last ten days."

We have not as yet sold anything under 80¢, but the market looks rather squally just now.

Peking You quite misunderstood  
my letter. No statement about costs  
can be made that would scare me  
and I am always glad to get  
information, but you must know that  
we have some shakier men with us  
who know nothing about ~~the~~ my  
& these things spring over them &  
the personal tone of Mr. Crane  
Conversation is not for the interest  
of our scheme. Notwithstanding

[illegible]

D-9-1000-1M

WM. H. SHELWORTH  
PRESIDENT.

W. S. MALLORY  
VICE-PRES.

W. S. PILLING  
TREASURER

THEODORE L. CRANE  
SECRETARY

THOMAS A. EDISON  
GEN'L MANAGER.

*Portland Cement*  
**The Edison Portland Cement Co.,**

GENERAL OFFICE

GRAND BUILDING, PHILADELPHIA, PA.

ORANGE TELEPHONE, "311 ORANGE."

Edison Laboratory, Orange, N. J., 6/27/04. O.

Mr. W. R. Gilmore,

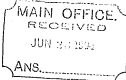
Orange, New Jersey.

Dear Sir:-

Mr. Mallory, request the enclosed letter from Pilling & Crane, under date of the 22nd, inst., be referred to you for attention, as he is leaving for the West for 10 days.

Yours very truly,

Edison Portland Cement Company,



[ENCLOSURE]

NEW YORK, CROWE BUILDING PITTSBURGH, FARMERS BANK BUILDING  
BOSTON, BOARD OF TRADE BUILDING

PILLING & CRANE  
IRON, STEEL, ORES, COAL, COKE  
GIRARD TRUST BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA

June 22nd, 1904  
*Mr. W. S. Mallory*

Mr. W. S. Mallory,

Vice President, Orange, N.J.

Dear Mr. Mallory:

Our large investments in Battery and Cement tied up so much money that we find it necessary to dispose of some of our investments and it occurs to us that probably the Phonograph Bonds are the most marketable thing we have. Do you know of any market for these bonds? From what we know of the Company, they ought to be worth par.

Could any of the Battery Bonds be sold? The battery now seems to be so promising it would seem as though there ought to be a market for the bonds.

Yours very truly,

*Pilling & Crane*

*Personal*

*Examine*

*do you know of any market for them - please answer direct on 9*

*for Chicago*

Wm. H. BOWMAN  
PRESIDENT  
W. S. MALLORY  
TREASURER  
W. B. FILLIS  
TREASURER  
THOMAS L. GRAVE  
SECRETARY  
THOMAS A. CARP  
CHIEF CLERK

# The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 6/30/'04.

*Received July 1st*  
Mr. Thomas A. Edison,

Orange, New Jersey.

Dear Sir:

*Yours Pittsburg was sent to be the right stuff gives him the talking points I gave you*  
Mallory showed a *curious* published by Volstead. As to *John D. Dinn* added our *curious* of 370 *Brinell* *made a big* letters from our *Pittsburg* office. It looks to us as though our people there are handling the business *energetically* and *intelligently*. We should be glad if you would look over the test sheets and make us any suggestions which may improve them, as we are constantly getting out printed matter and want to get out of it all that there is. *man could use it effectively if he and we would guarantee it*

Yours very truly,

*W. S. Mallory*  
Treasurer.

W.S.P.

ENCL.

*Please pass on to Mr Carr*

NEW YORK, EMPIRE BUILDING PITTSBURGH, FARMERS BANK BUILDING  
BOSTON, FORD ST. FRANK BUILDING

PILLING & CRANE  
IRON, STEEL, ORES, COAL, COKE  
GIRARD TRUST BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA

July 7, 1904.

Mr. Thomas A. Edison,  
Orange, N. J.

Dear Sir :

We have today sent addressed to Mr. Randolph five Storage Battery bonds and 25 shares of stock. We understand that you will have check sent us covering these bonds and accrued interest. The stock is to be delivered with the bonds as bonus.

As previously stated, our transfer of Cement notes into bonds, and subsequent payments against our subscription, have made us feel very poor. While we had the Cement Co.'s notes we could use them in bank, but we cannot use the bonds nor the new form of note. We therefore feel that we shall have to let go of a portion of our Battery bonds, but having held them so long, we are not disposed to give up all of the stock. We are, however, willing to sell any part of 50 bonds at par, with interest, giving up one-half of the amount of stock which we originally received; that is to say 25 shares of stock with each ten bonds. We have waited so long for the Battery scheme to work out that we do not feel like giving up the stock now that success seems assured. We believe that the stock is worth more than par, which would bring the bonds down to less than 75 %.

Yours very truly,

W.S.P.

*Pilling & Crane*

NEW YORK, ENTIRE BUILDING PITTSBURG, JARVIS BANK BUILDING  
BOSTON, BOARD OF TRADE BUILDING

PILLING & CRANE  
IRON, STEEL, ORES, COAL, COKE  
GIRARD TRUST BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA

July 7, 1904.

Mr. J. F. Randolph,  
Orange, N. J.

Dear Sir :

We are feeling very poor just now and shall be glad if you will make up notes for us covering the account of the Storage Battery Co., for which we herewith enclose statement. If you so desire, you may make out note dated June 30th, adding interest from that date, we having calculated the interest until then. We arranged with Mr. Edison that the coal should be accepted, we promising to make an adjustment for time in sorting out any dirt or slate; also crediting the weight of any refuse which may be thrown out.

Yours very truly,

W.S.P.

*Pilling & Crane*

Wm. H. SHERBROOK,  
PRESIDENT

W. R. MARSHALL,  
VICE-PRES.

W. R. TILDEN,  
TREASURER

THOMAS I. CHASE,  
MANUFACTURER

THOMAS A. EDISON,  
VICE-MANAGER



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

July 21, 1904.

IN RE Coal;

My Dear Mr. Edison:-

I have been looking into the matter of Coal Plant and am afraid we are going to have trouble to grind enough coal to run four kilns to the maximum capacity, as about four tons per hour seems to be the best we can get out of the Coal Plant, and assuming that we run twenty-four hours per day, and have no shut down, our output would be about 96 tons per day, whereas if we average 30 barrels per hour on the four kilns and use say 80 pounds of coal per barrel, we will require 103 tons for 24 hours. To overcome this shortage we have thought of the following plans:

1st: To run kilns 3 and 4 to the maximum capacity, whatever it may be, and then run 1 and 2 up to whatever capacity we will have fuel left.

2nd: To start immediately and grind coal in excess of our present requirements, and store the surplus in bags in the Coal Blower House. As near as we can get at it we would be able to put about 50 pounds in a bag, so that if we could make and store 300 tons, it would require about 12,000 bags. I am told that when a bag has once held coal it remains black for some time, and we could hardly use the bag for shipping chalk, as it would discolor it.

3rd: Grinding the coal as above, and store it in the bottom part of the Transfer Tower near the Clinker Crusher House, putting in say 150 to 200 tons at this point, and the balance in the



Mr. T.A.E.....2.

bottom of the building now holding the large coal storage tank. The advantage of this plan would be, that it will save bags, the disadvantage, and the one that makes us hesitate, is the danger from handling the loose coal, in quantities when the dust can escape more or less.

On receipt of this letter, will you kindly wire me your judgment in the matter, as if we are to make the coal we must do it now while we are only running two kilns.

Yours very truly,

W.S.M.

Mr. Thos. A. Edison,  
Orange, N. J.

*Wm. M. Edison*  
we are <sup>today</sup> changing the speed of the ball mill from 21 to 28 rev. to try and do more work before coal gets into tube mill and try and increase capacity.

*Answered*

Wm. H. BUSHNELL  
PRESIDENT  
W. E. MALLORY  
VICE-PRESIDENT  
W. S. FALLIS  
TREASURER  
YERGEN I. CHASE  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 7/27/04.

*Unrecorded July 28/04*  
*Personal*  
Mr. Thomas A. Edison,

Orange, N. J.

My dear Mr. Edison :

Since our meeting yesterday, I have been very much depressed at the idea of closing down the works. <sup>It would be a certain general</sup> ~~Because however that could not~~ <sup>be regarded as they would run costs</sup> It will do us an immense injury when you get ready to start up again, as it will destroy confidence in our stability, and work against us in taking any large business. <sup>figure you will agree with me</sup> <sup>I am not worried about prestige or</sup>

If you will examine the orders, you will observe that in Pittsburg we have sold about 30,000 barrels during the past month, and this business could have been much larger had we been able to promise deliveries. <sup>3 days next week Monday Tuesday & Wednesday</sup> <sup>Come in & talk it over</sup> We have been holding off buyers and keeping them interested, and now just as we thought that we were in position to take business, we shall be obliged (if your policy is carried out) to go to them again and say that we will withdraw from the market until next spring. We need records of the cement and buildings to refer to. After our hard work with the architects and builders, they will certainly be disgusted with us to learn that we are not able to supply the material. We should much prefer that you should fix a price which would be satisfactory, even if a little above the market, as we might be able to pick up business from time to time, and then when the Cement stock-house is filled

Mr. Thomas A. Edison - 2

up, you could shut down and we could go on filling orders already taken, and the small carload business which we can pick up at good prices, and thus have something to work on during the interval of suspension. Of course when we start up again, if we have been out of the business for six months, we shall be able to sell the cement at some price, but shall be at a great disadvantage.

We wish you would consider this matter and see if you cannot see your way clear to make enough clinker for the equivalent of the stock-house capacity, and then shut down the roasters and go on grinding until the clinker is used up, and then shut down the mill tight. We shall need about \$60,000 to fill orders which we are absolutely committed for. We can probably escape the balance of our orders, although we do not think that the Lackawanna order should be cancelled, as at 85 cents we will certainly make a good profit, and you well know how much we need it. We have followed you along in almost everything that you have suggested, and we hope that you will see your way clear to meet our views in regard to the above policy.

Yours very truly,

*W. S. P.*  
Treasurer.

W.S.P.

Wm. H. BURLEIGH,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. FILLING,  
TREASURER.

THEODORE J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

July 28, 1904.

IN RE Shafts:

*John  
M. G. has  
seen this piece of it*

My Dear Mr. Edison:-

Four shafts in the supporting wheels of No. 3 kiln have broken up to date. The last one which broke let go with a sharp report. Mason, the rest and myself have discussed the operating of this kiln under present conditions, and we believe that a certain amount of risk is being run for the following reason:

Suppose that two adjoining shafts on one side of the kiln break at the same time, this would throw very heavy strains on the shafts on either side, and if they should give out there would be nothing to prevent the kiln from rolling off the supporting wheels, and causing a bad wreck.

In your judgment are we warranted in running this risk?

Please wire immediately on receipt of this, as we are not willing to take the responsibility ourselves.

Yours very truly,

W.S.M.

*Wm. Mallory* V.P.

Mr. Thomas A. Edison,  
Orange, N. J.

Wm. H. HERRINGTON,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. S. FRANK,  
TREASURER.

THOMAS I. QUINN,  
PROVOST.

THOMAS A. HENGE,  
CHIEF CLERK.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

August 10, 1904.

IN RE Report:

Mr. W. S. Mallory, V.P.,  
The Albertson,

Mantoloking, N. J.

Dear Sir:-

In reply to your letter of the 9th inst., I would say that everything looks as if I could start the four kilns on Monday the 15th. We have all of the wheels changed on No. 4 and have about 4 more to change on No. 3.

We are starting to put on the dampers now and expect to have them all done by Sunday.

Conveyors Nos., 113 and 114 are completed. We expect to finish 139 and 140 Friday.

I do not think there is any necessity for your coming back on account of the work here as everything seems to be well in hand, and I have no doubt that we will be ready on Monday, to start up practically everything.

I expect to be away myself Saturday afternoon and Sunday, though I will be back early Monday morning in order to get things straightened out.

We are very glad to know that you are getting along so well.

Yours very truly,

The Edison Portland Cement Co.,

*W. H. M.*

SUPERINTENDENT.

Wm. H. Shelmerdine  
PRESIDENT  
W. S. Pillsbury  
VICE-PRESIDENT  
W. S. Pillsbury  
TREASURER  
Thomas L. Grant  
SECRETARY  
Thomas A. Edison  
DEVELOPERS

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 8/11/'04.

Mr. Thomas A. Edison,  
Orange, N. J.

My dear Mr. Edison :

I have your favor of the 10th instant, which I have submitted to Mr. Shelmerdine and Mr. Miller, and we have carefully talked over the matter. In deference to your judgment, we have decided to send out the circulars immediately, and they have been sent to the printer and we hope to get them off this week.

As most of the directors will no doubt take their present holdings, and some of them pay up promptly, this should furnish the cash necessary for the running expenses. We presume that the pay-roll will not be very heavy for the operating department.

Yours very truly,

  
Treasurer.

W.S.P.

Wm. H. SHULTZBERG  
PRESIDENT  
W. S. HOLLAND  
VICE-PRESIDENT  
W. S. FILLIS  
TREASURER  
THOMAS I. CHASE  
SECRETARY  
THOMAS A. EDISON  
CHIEF MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 8/12/'04.

*Received  
Aug 13/04*  
Mr. Thomas A. Edison,

Orange, N. J.

Dear Sir :

As a matter of interest, we beg to enclose you letter received from our Pittsburg office. Our man there seems to be on the right track. I presume that you have the "Engineering News" at the Laboratory, and can read the article.

Yours very truly,

*W S F*  
Treasurer.

W.S.P.

ENCL.

[ENCLOSURE]

PHILADELPHIA, GIRARD BLDG. NEW YORK, EMPIRE BLDG.  
BOSTON, JAMES ST. FRANK BLDG.

PILLING & CRANE  
IRON, STEEL, ORES, COAL, COKE  
FARMERS BANK BUILDING  
PITTSBURGH

748  
77

Pittsburgh, Aug. 11, 1904.

Messrs. Pilling & Crane,  
Philadelphia, Pa.

12

Gentlemen:-

If you have not already read the article in the  
"Engineering News" of August 4th, Page 112, headed " Statements  
of Cement Manufacturers as to the Increased Cost of Fine Grind-  
ing," please do so.

I recall that the "Engineering News" sometime ago wrote  
up the Edison plant, but the editor has apparently overlooked  
the Edison process, and I think there are very good reasons  
for not calling his attention to this matter again until at  
least our plant gets into steady operation.

My reason for calling attention to this is that it ap-  
pears to me to furnish an excellent opportunity for stiffening  
the back bone of the Edison stock holders.

This article points out that for the other Companies,  
with their present methods of fine grinding, to increase five  
points in fineness, will cost at least 25% more, and for them  
to increase from 75 to 85, which is our standard, although we  
actually give them 90%, would probably cut their output down



[ENCLOSURE]

P. & C....2.

more than one-half, and would consequently cost them for the fine grinding item twice as much as it now costs them to grind 75%.

Although one mill in letter No. 8 states that fine grinding is a mistake, the editorial comments following the letters written by the different mills, do not agree with this statement and the editor's idea seems to be that the objection to furnishing a finely ground cement is that it would increase the cost greatly while consumers would pay no more.

It is evident, however, that the editor has not considered the Edison process and that our methods of fine grinding enable us to put 85% cement on the market at a much less fine grinding cost than the other people are subjected to under their practice.

This points out that we have the field to ourselves so far as a finely ground cement is concerned, and that it will only be a matter of a short time until the superior richness of the Edison cement will enable us to command the maximum market price, which in itself will be a premium. Not only that, but consumers will prefer Edison cement. I think these claims are substantiated by the promptness with which consumers in this section have taken hold of our product.

It is true that the name "Edison" helps us immensely and we

[ENCLOSURE]

P. & C...3.

use it on all occasions , and in some instances it is the only argument that is necessary, but after all it is the richness of the cement that appeals to the critical purchaser.

Were I better posted, I might think differently, but based on what information I do have, I should have copies of this article printed and also have printed a letter calling attention to these features and mail same to every stock holder in the Company.

I believe the proper way to enthuse people is to be exceedingly enthusiastic yourself.

I believe I could make a pretty tired stock holder forget he was tired .

Yours truly,



WM. H. PIERCEBORN,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. FILLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

AUGUST 18, 1904.

IN RE: Report:

My Dear Mr. Edison:-

On my arrival here, I find that the Quarry, Crusher, Chalk, Coal and Clinker Fine Grinding Plants were all started in full operation yesterday. Fire was started in Kilns Nos., 1 and 2 and they have both been making clinker since this morning. Fire has already been started in No. 3 and will be put in No. 4 tonight.

Both Nos., 3 and 4 were ready for fire on Monday, but, as the new damper on top of No. 1 cracked shortly after being subjected to the heat, it was thought wise to put on a piece of channel on the under part of the dampers on Nos., 3 and 4 before heating them up.

Things are running fairly well today, although not doing very much as yet in the way of output from the kilns.

Yours very truly,

W.S.M.

Mr. Thos. A. Edison,  
Orange, N.J.

*Wm. Mallory*

*Mailed to  
Mr. Edison*

Tests:

August 17, 1904.

Mr. W. S. Filling, Treas.,  
Girard Trust Building,  
Philadelphia, Pa.

Dear Sir:-

Since my return here I have been looking up the matter of the percentage of increase in tensile strength of our cement as compared with Vulcanite, which in the Philadelphia Department of Public Works gives better results than any of the other brands.

I find that the average tensile strength of Vulcanite is as follows:

7	Days	228	lbs.		
28	"	292	"	percentage of increase	28.00%
6	Months	352	"	"	9.60%

The average tensile strength of Edison cement compiled from 393 tests is as follows:

7	Days	242	lbs.		
28	"	348	"	percentage of increase	43.80%
6	Months	441	"	"	23.80%

In view of the recent letter from Mr. Nutt, I thought that you would find this of interest.

Yours very truly,

W.S.M.

V.P.

Wm. H. HERRINGTON,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. H. TILGNER,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
DEPT. MANAGER.

TRADE MARK  
Thomas A. Edison

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J. 8/24-04

IN RE

Dear Mr. Edison:

Pilling - please return -  
Last night we had the heaviest  
load coming out of #4 hole I have ever seen,  
a good deal of it was good hard clinker and  
the balance was under burnt and sandy -  
the load continued for about four hours - I  
had it run out for 15 minutes and then  
weighed and got 4600 lbs - or at rate of  
48.4 lbs per hour -

Trimmer says, and I believe he  
is right, if we had coal which would go  
85% through 200 mesh, we could have had  
the load, for the reason that at times perfect  
clinker was coming out for considerable periods

Wm. H. PERKINS,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. DILLON,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. HINDON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

IN RE 2

of time: I am convinced now that 40 blls  
per hour can be fed and held - we shall  
try for it under present coal condition

The ball feed screws on 3 & 4  
work very irregularly both as to speed and  
quantity of feed, we are changing size of  
opening in plate and trying to get regular  
feed and when get it will go for larger  
output -

<sup>loss</sup>  
The <sup>loss</sup> reports on output of ball  
<sup>chamber</sup>  
and <sup>mill</sup> I think are very misleading - I  
believe the feeds vary so in quantity for  
reason that the <sup>results from</sup> indicators are <sup>not reliable</sup> very misleading

WM. H. PERKINSON,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. R. TILSON,  
TREASURER.

THEODORE J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

IN RE 3

I believe the kilns have been making more  
clinker per day right along than we have  
reported; I have arranged now to have nightly  
loads of the clinker every day as a guide  
for the future -

Yours very truly  
Wm. Edison

Wm. H. BISHOPMAN  
PRESIDENT  
W. B. MALLORY  
VICE-PRESIDENT  
W. B. FILLIS  
TREASURER  
THOMAS L. COANE  
SECRETARY  
THOMAS A. EDISON  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building

Philadelphia 11/21/'04.

My dear Mr. Edison :

I have your letter of the 19th instant.

I have again carefully read my letter to Mr. Mallory and do not see that it called for a reply of the tenor of your letter. We presume that the directors have the privilege of expressing their views, and that you prefer to have these expressions referred to you. If the drawings are necessary, the directors do not see why the draughtsmen should have been put to work in November instead of in September or even August, as the resolution provided for the work to be done at the earliest possible moment. We do not feel that we should be criticized for not having sold the balance of the bonds, although we have been working hard on this line and have disposed of most of them, and shall not let up in any way to realize on the balance. The Company certainly has no cause to find fault with the manner in which the directors have repeatedly put up money on the enterprise, and especially as those who went in early have either stock to represent their investment or bonds at 90 %, and we were all well drained of our resources, and have not the money now to put up for the bonds at 60 %, and we naturally all regret our inability to take advantage of the present opportunity, and had not money been put up lavishly in the earlier stages, there



Mr. Thomas A. Edison - 2

would have been no difficulty in disposing of the bonds now for sale. It seems to be a repetition of the old saying that "the first shall be last, and the last first," as those who have had their money in the longest have the least to show for it, and in addition to this, are criticized because they did not do more.

Yours very truly,

W.S.P.

  
Treasurer.

To  
Mr. Thomas A. Edison,  
Orange, N. J.

J. FR

Please have  
attached letter & have

Mr G - sign - then

forward - I do not  
want a copy

W

[ENCLOSURE]

Substantive paper

Nov 23-04

My dear Olling      yours 21<sup>st</sup>  
noted - when a man is working  
on land and on many hours day  
as I am ~~so~~ it  
is very irritating to be bothered  
about the work -

When ~~the~~ operations  
~~were~~ suspended I went to the  
for several weeks  
plant, and made tests and  
~~noted~~ <sup>studied</sup> all the records of

[ENCLOSURE]

the operations, <sup>so</sup> to determine  
just what changes were  
necessary, this had to be  
done before any force of  
draftsmen could be put at  
work - ~~as soon as the~~  
~~plans were~~ ~~reached the~~ ~~draftsmen~~  
~~were put to work and the~~  
~~work was being pushed as fast~~  
~~as possible the~~ ~~drafting~~ ~~was~~  
~~started in the~~ ~~l~~

[ENCLOSURE]

3

The drafting was  
started in September and  
as fast as decisions were  
made the force was increased  
and the work is now being  
pushed as fast as possible

~~As to the bonds yet~~  
~~unseen~~ As to the bonds  
unseen I. moved only he  
too glad to take them all  
if I could see my way

[ENCLOSURE]

4  
What in view of the number ~~of bonds~~ I am now  
clear to do it, ~~and~~ I must  
depend upon your end  
to sell <sup>the balance</sup> ~~them~~ to enter stockholders  
or new people; why don't Miller do it?  
I note your comments  
as to the direction taking the  
bonds at 90% - ~~you must understand~~  
~~that I am~~ you will find  
~~of you will not do the rest of~~  
that I have taken <sup>many</sup> ~~more~~ bonds  
at 90% than any other director

[PHOTOCOPY]

Directions for making up weekly statement  
Edison Portland cement Co.

-----

Add to Total Expenditures:

1. Vouchers Paid. ( And subtract from unpaid bills)
  2. Paid Items
  3. Orange Pay Roll per distribution ( and subtract from unpaid wages)
  4. Stewartsville Pay Roll per half-monthly distribution. (see note)  
(and subtract from wages)
  - Salaries Monthly. ( and subtract from wages)
- 

Add to Unpaid Bills & Unfilled Orders

Weekly estimated amount of orders.

-----

Add to Wages:

Estimate Orange Pay for week

" Stewartsville Pay Roll for week

" Salaries per week ( \$200 per week at present)

-----

NOTE: The amount added to total expenditures for Stewartsville pay roll will be per their half-monthly distribution, while the amount subtracted from wages will be per weekly estimate same period.

**Edison Portland Cement Company Records  
Corporate Files - General (1905)**

This folder contains correspondence and other documents relating to the board of directors, financial matters, and other subjects, including operations at the Stewartsville works, sales, and marketing. Most of the letters are to or from Edison, Walter S. Mallory, Theron I. Crane, William H. Mason, William S. Pilling, and Robert H. Thompson. Included are items concerning cement shipments, sales promotion, and competition. Some of the correspondence with Edison contains reports on operations and improvements at the Stewartsville works. There are letters dealing with the clinker fine-grinding plant, the boiler plant, coal consumption, and experiments with belts. A few items pertain to record keeping, trade associations, and product quality. Additional documents relate to bags for shipping cement and processes for briquetting and coloring cement. Also included is a ground plan of the Stewartsville works.

Less than 10 percent of the documents have been selected. The unselected material includes receipts, employment applications, price lists, and letters concerning vendors of equipment and supplies. Other unselected documents deal with construction work at Stewartsville; the activities of other cement companies; and the use of Edison's crushing rolls by mining and milling companies.



Rear Admiral JOHN G. WALKER, U. S. N.,  
CHAIRMAN.  
Major General GEORGE W. DAVIS, U. S. A.  
WILLIAM BARCLAY PARSONS, C. E.  
WILLIAM H. BERR, C. E.  
BENJAMIN M. HARROD, C. E.  
C. EWALD GRUNSKY, C. E.  
MR. D. I. MURPHY, SECRETARY.

ISTHMIAN CANAL COMMISSION  
WASHINGTON, D. C.

February 11, 1905.

The Edison Portland Cement Co.,  
Edison Laboratory,  
Orange, N.J.

Gentlemen:

Owing to advices received by cable, from the Isthmus,  
it is necessary to recall Circular Posters inviting pro-  
posals for 12,000 Barrels Portland Cement, to be opened  
March 24th.

Kindly return same to this office, and new proposals  
will be prepared, calling for 10,000 Barrels, and you  
will be furnished copies of the same as soon as possible.

Very respectfully,

H. J. GALLAGHER  
Major, U. S. Army,  
Purchasing & Shipping Agent.

[PHOTOCOPY]

*For*  
*Mr. Walling*

Boston, Mass., Feb. 26, 1905.

The Edison Portland Cement Company,  
Philadelphia, Pa.

Gentlemen:

We beg to acknowledge receipt of your communication addressed to the Edison Portland Cement Company enclosing the corrections for the <sup>Edison</sup> N.Y. Railroad in connection with the Long Island Railroad. We are keeping all these things in regular file here in case we have occasion to use them in the future.

In regard to cement we have accumulated accidentally a little data which may interest you: The National Portland Cement company at Martin Creek have been attempting to start for an odd two years past but have been unable to do so on account of money; we understand, however, they have now raised sufficient capital and are stretching every point to start operations April 1st. The Alpha Portland Cement Company are quoting 35 cts. per barrel for delivery before the 1st of April. The Northampton Portland Cement Company have sold 50,000 barrels of cement at 80 cts. for delivery before the 1st of July, and are offering cement at 90 cts. a barrel after the 1st of July. The Atlas Portland Cement Company, rumor has it, expect to make 9,000,000 barrels of cement this year. The Hazen Portland Cement Company are quoting 75 cts. for delivery prior to April 1st, 25 cts prior to July 1st and \$1.00 for the balance of the year. The Whitehall Portland Cement Company have made heavy sales at low prices and have very little cement to offer. They have opened an office in Boston. The Vulcan Portland

[PHOTOCOPY]

P. & C.

- 2 -

Land Cement Company have no office in Boston but they are getting after the trade direct from New York, changing their policy this year and doing no business with dealers.

We presume, of course, that you have a great deal of this information, but in acknowledging the freight rates we beg to take this liberty and hope that it is not remiss.

Yours very truly,

*S. P. C.*

*Boston*

 Brush Tube Paste Jar Paste Clips Letter Files Vertical Letter Files Scrap Books Invoice Books  NOVELTIES	Andrew L. Weis, President.   THE <b>WEIS</b> MANUFACTURING CO. Manufacturers of OFFICE AND STATIONERY SUPPLIES. Toledo and Ontario Sts. TOLEDO, OHIO.	Wm. M. Elberth, Sec'y and Treas.   Ledger and Account Files Clipping Files Card Indexes Mailing Envelopes Magazine Binders  SPECIALTIES
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TOLEDO, OHIO.

Feb. 25, 1905.

The Edison Portland Cement Co.,

Orange, N.J.

gentlemen:-

We are in receipt of your favor dated February 21st and in reply we take the liberty of suggesting a plan which we have in operation in our own factory. We would state that we find this very satisfactory and we are confident ~~we~~ some modifications it will apply in your case.

As orders come in they are given a serial number and filed according to order. From these, work tickets are issued which bear instructions for making up special goods required for the customer. Work tickets bearing a number of their own and being provided with a blank for recording the order number and are kept with the job, and when work is completed ready reference is had to the original order from these tickets.

As a means of recording promises made for date of shipment at some future time we use our 3 x 5 card No. 352 which we fill out similar to the sample which we enclose. By this card we note that the order for John Doe of Boston, Mass. which is No. 896 is to be shipped on March 20th, accordingly we issue instructions for the manufacture of the goods on this order with full details in regard to when work is to be completed by means of our Card Index Tray. We file this card according to date but in order to have our goods ready for a certainty we file the card for John Doe under date of March 15th. This coming up on that day calls the fact again to our attention that the goods are to go forward in a few days and admit of our calling the attention to such parties as are necessary to insure having the work completed. On March 15th this card would be moved back to March 20th and the goods shipped on that date.

Our orders are received on a form which is 8 1/2 by 11, the size which we find most convenient for recording detail, etc. Of course these order blanks are headed with space for customers name, address, shipping instructions and other details necessary. After they are received and registered and the work or job tickets are made out, these are placed in the file numerically. The file which we use for this purpose being one of our regular box files. The main capacity of this file being about 1000 orders. Divisions in this file are simply blank. We start in with the lower numbers in the front and place the orders in the back. As the orders are completed they are removed from this intermediate file, billed and charged. By constantly moving the older material from the back to the front we always have room for fresh material as it comes in.

Our follow up system on collections is handled in the same manner.

We enclose circulars which describe our entire line and you will find our goods are carried in stock by leading Stationers in all sections, among them we mention the following:-

Baker Printing Co., Newark, N.J.

<p><b>Weis</b>          Brush Take Paste          Jar Paste          Clips          Letter Files          Vertical Letter Files          Scrap Books          Invoice Books          —          NOVELTIES</p>	<p>Andrew L. Weis, President.</p> <p>THE <b>Weis</b> MANUFACTURING CO.  <i>TOLEDO BRIDGES</i>          Lagrange and Ontario Sts.</p>	<p>Wm. H. Eberth, Sec'y and Treas.</p> <p>MANUFACTURING CO.          Manufacturers of          OFFICE AND STATIONERY          SUPPLIES.</p>	<p><b>Weis</b>          Ledger and Account Files          Clipping Files          Card Indexes          Mailing Envelopes          Magazine Binders          —          SPECIALTIES</p>
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TOLEDO, OHIO.

M. Flum, Newark, N.J.  
 Grover Brothers, Newark, N.J.  
 Searing Moore, 24 Beaver St., New York City.  
 Montross Clark & Emmons, "  
 Tyndall & Wagner, 438 Broadway, "

While our goods are not high priced they are very popular and we are receiving repeat orders from all sections.

We are at present preparing a line of Card Trays and Vertical Files in oak. We will have catalogue describing these goods ready for distribution between now and April 15th. We will forward you copy as soon as we receive same from press.

If there is any further information that we can supply at any time regarding our goods or their use we will use every endeavor to give you the information which you are seeking. We sincerely hope we have made ourselves clear in our explaining details in the above but if we have failed kindly advise and we will endeavor to answer any questions which you have in mind.

Thanking you again for inquiry and trusting that we may be favored with your order from one of the Houses or direct as suits your convenience, we are

Very truly yours,

THE WEIS MANUFACTURING CO.

AHD-AVV

Per *Andrew L. Weis*

JAMES R. WYLLIE  
Chairman

O. H. L. WERNICKE  
Manager

*Macey-Wernicke Co.*  
GRAND RAPIDS, MICHIGAN  
FORMERLY THE FRED MACEY CO., Ltd.

NEW YORK STORE  
343 BROADWAY  
G. M. CLARK  
LOCAL MANAGER

NEW YORK CITY, March 6, 1905.

Mr. W. S. Mallory,  
The Edison Portland Cement Co.,  
Orange, N. J.

Dear Sir:

Your recent inquiry has been neglected until this date owing to the fact that the letter was mislaid.

We hasten to send you under separate cover our #5 catalogue in which you will find complete description of the card system as applied to various branches of business, and we would suggest that you note carefully our follow-up systems which could be adapted to your own use with some slight modification.

We would suggest a monthly and daily index and a system of filing cards ahead to a certain date when promises of shipments are due. Then by going through the card index daily you would be reminded immediately of any delay. We have made up a number of forms for different people for systems bordering on this but have no samples on hand to send out. It would be best for you to draw up some form that meets your own needs and we take pleasure in quoting you a net price of 75¢ per thousand on cards printed on one side as you may desire.

*Macey-Wernicke Co.*

Page #2.

NEW YORK, Mar. 6, 1905.

We are also sending you under separate cover a copy of our #1404 catalogue showing our full line of cabinets for which we hope to receive your orders.

Thanking you for the inquiry and for your many past favors, also apologizing for the delay, we are,

Yours very truly,

MACEY-WERNICKE CO., LTD.

GHC/LW

*J. M. C.*



PULLING & CRANE  
GENERAL SALES AGENTS

## The Edison Portland Cement Co.

1309 Empire Building

New York March 9, 1905.

Mr. W. S. Mallory, Vice Prest.,  
Orange, N. J.

Dear Sir:-

Replying to your favor of the 3rd inst. asking me to call on Messrs. J. H. Flood & Co. and inspect their proposition I beg to report as follows:

It seems Mr. Flood has made some concrete blocks on an ordinary concrete block machine with the regulation rock face front but in moulding these blocks has placed a colored mixture on the front surface. This mixture appears to be nothing more than the old fashioned scheme of coloring Cement concrete. We find this in sidewalks which have been laid years ago. The colors are brick, Indiana limestone, brownstone and a yellowish stone, also white stone.

What he really wants is some person with money to start him in business. He claims to have the experience and is a well-known decorator. At present he is doing work for Mr. John D. Grimmins at Noroton, Conn., under the supervision of the architects Schickel & Ditmar.

This in short is all that I could learn from my interview and believe there is nothing more to the matter unless you want to put some money into it. There are no patents on this mixture and



Mr. W. S. Mallory, Vice Prest., #2

March 9th 1905.

I do not believe a patent can be gotten out for it.

Very truly yours,

W.

ALFRED SCHUCH,  
PRESIDENT.

GERMANUS FRANCE,  
CHIEF CLERK.

MICHAEL J. MANN,  
SEC. TREAS.

## MARYLAND SILICATE MILLS,

MANUFACTURERS OF

### GROUND FLINT.

OFFICE, BALTIMORE, MD.

MILLS, FINKSBURG, CARROLL CO., MD.

LA MOTTE, CARROLL CO., MD.,

Feb 10 1906

Mr. Thos A. Edison  
West Orange N.J.

Dear Sir

We are pulverizers of flint stone and  
are in the market for some contrivance to take  
out small particles of ~~flint~~ iron, which  
get into our goods by reason the cross-hing machinery  
we think the easiest way to get out this iron  
is by magnet and we would like to know  
if you have any machine or contrivance to  
effect this. Awaiting your early reply we remain

Yours very truly

Maryland Silicate Mills

~~Not that~~

no machine

Character of work

for this

JOHN H. FLOOD & CO.,  
**Painting and Interior Decorations,**

5 & 7 EAST 42nd STREET,

'Phone 2219-38th St.

New York, Mar 15th 05  
190

Mr. W. S. Mallory V. P.

The Edison Portland Cement Co

My Dear Sir:-

Having a call from your Expert representative as he claimed to be in regards to our product of Concrete Stone and brick and its possibilities respectfully refer you to The Scientific American of March 11th Page 202 under heading of "Concrete building blocks that defy detection" this being in relation to our test and showing our demonstration before their expert and will be corroborated by addressing the Hayden Automatic Machine Block Co 26 Cortland St N.Y..

We would like you to interest yourself personally in this knowing that the goods are all right and your cement now in use would be doubly enhanced through the good qualities of what you claim in being uniform.

Pardon this intrusion on good fellowship but know this is a bona fide product and all right and need your help with big return for any and all monies invested.

Thanking you for this courtesy beg to remain

Yours very truly

*John H. Flood.*



## The Edison Portland Cement Co.

1309 Empire Building

New York 3/18/05.

Mr. W. S. Mallory, Vice Prest.,  
The Edison Portland Cement Co.,  
Orange, N. J.

Dear Sir:-

Your favor of the 17th inst. to hand. Concerning this we wish to say that in all probability the firm you refer to is The John H. Parker Company, who are the contractors for the new Fordham Hospital.

We have had a talk with these people last year but dropped the matter when the Mill closed down and we were instructed to discontinue the solicitation for business. We note the connection between this firm and Mr. Robert H. Thompson.

We will immediately take this matter up where we left off last year.

With regard to samples we would say that we have asked that a few boxes of Cement samples be sent to this office but up to the present time we have not received them. As soon as they arrive we will see that the J. H. Parker Co. gets one.

Very truly yours,

Dict. J.J.R./W.

Wm. H. SHREVEHOUSE  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PALINE  
TREASURER  
THOMAS F. CHASE  
SECRETARY  
THOMAS A. EDISON  
GENERAL MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia 3/18/'05.

Mr. W. S. Mallory, V. P.,  
Orange, N. J.

Dear Sir :

Mr. Regan telephoned us today that a very important piece of work in the shape of a Government dock is being built at Brooklyn. It will require 75,000 barrels of cement for delivery over three years. He thinks the business can be had at 90 cents per barrel, and we are disposed to take the order if possible at that figure. Will you please talk this over with Mr. Edison ? The writer will be in our New York office on Monday morning, and should be glad to hear from you by telephone between 11 and 12 o'clock. With the views expressed by the Board, we should not feel justified in taking a lower figure.

Yours very truly,

*W. S. Mallory*  
Treasurer.

W.S.P.

The Lansden Company,

Electric Wagons,

54-56 M. & E. R. R. Ave.,  
Newark, N. J.

Mr. W. S. Mallory.

Orange, N. J.

Dear Sir;

I called upon the Trow Addressing and Mailing Agency at 87 Third Ave. N. Y. City, and find that they can furnish you with about 7,500 names of architects throughout the country for three (\$3.00) dollars per thousand.

Trusting that this will give you the information that you desire, I am,

Very truly yours,

AHW/H

Telephone, 2140 Newark.

March 23rd, 1905.

MAR 25 1905

*advertising.*

NEW YORK, EMPIRE BUILDING PITTSBURGH, FARMERS BANK BUILDING  
BOSTON, BOARD OF TRADE BUILDING

**PILLING & CRANE**

IRON, STEEL, ONES, COAL, COKE  
GIRARD TRUST BUILDING  
BROAD & CHESTNUT STREETS  
PHILADELPHIA

March 23, 1905.

Mr. W. S. Mallory,  
Orange, N. J.

Dear Sir :

Referring to your recent letter, we beg herewith to return the papers, together with a letter from our Pittsburg office, which has some suggestions of probable value. We also enclose letter from the "Iron Age," making quotation on the print.

As you are no doubt ordering a large amount of printing for the Phonograph Works, we believe that you can get this done to better advantage than we can, and we therefore leave it to you.

In regard to the expense, we presume that it is proper that we should pay for the printing and postage. We have never paid for the expressage on the samples, and think that this should be borne by the Company as in the past. We also think it quite proper that some discretion should be used in sending out these samples, although this may be hard to determine. They ought to be mailed from Orange in Laboratory envelopes.

Yours very truly,

*Pilling & Crane*

W.S.P.  
ENC.

[ATTACHMENT]

THE IRON AGE  
THE METAL WORKER  
CARPENTRY BUILDING.

*David Williams Company,*  
232-238 William Street,  
*New York* March 22, 1905.

The Edison Portland Cement Co.,  
Philadelphia, Pa.

Gentlemen:-

We are in receipt of your favor of recent date, concerning cuts which appeared in The Iron Age in December, 1903, showing the elevation and plan of your works. In reply, we beg to advise you that we still have these cuts, and could print you the page as it appeared in The Iron Age in any quantity desired. We will quote you for 5,000 \$15.00, and for 10,000 \$25.00.

If we receive your order, we will take it that we will leave out the numbering of the cuts, as well as the Iron Age heading and date. If you desire, however, we can reproduce the whole page exactly as it appeared in our paper.

Yours very truly,

David Williams Company.

BB/B

3/24-



[ATTACHMENT]

Wpton.

3000 Chart

3000 - Plans with name

~~for sale by F.R. Wpton~~

Edison Laboratory

Edison Portland Cement

for sale by

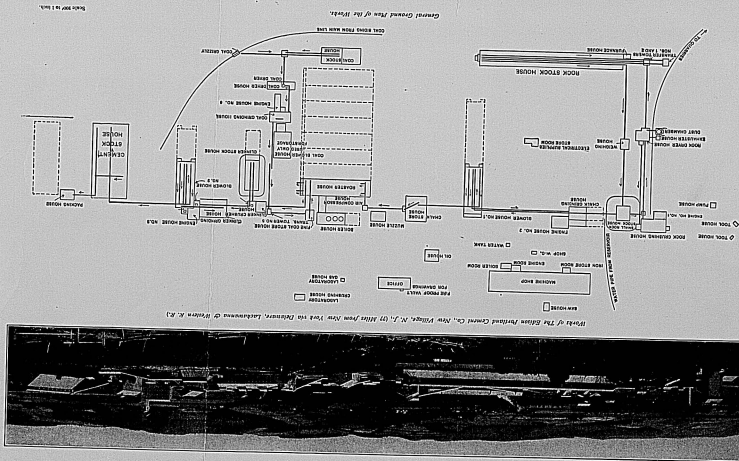
F.R. Wpton

Edison Laboratory

Orange

N.J.

[ATTACHMENT]



For  
Mr. J. Mallory

Copied  
W. H. M.

Philadelphia, Pa., March 10, 1902.

Messrs. Pilling & Grand,  
Philadelphia, Pa.

Gentlemen:-

Your favor of yesterday with reference to the letter received and noted.

A sample of our cement sent to dealers would probably not amount to much, nor would it amount to a great deal when sent to architects, for I have yet to meet an architect that knows anything about cement, and what efforts he might make at testing the cement would probably result in something that would injure us more than it would do us good.

I think it would be safe enough to send the letter to architects, however, for comparatively few of them would, in my opinion, ask for samples. Architects generally are very indifferent toward cements of any kind. Most of them have adopted a fashion of mentioning some old brand or its equal and letting it go at that, and nothing short of repeated personal visits will result in getting many to include your cement. We threshed that out here very thoroughly.

It is a fact, however, that letters and various printed matter with reference to our cement, sent to these people, would

P. & C....2.

have a good effect.

It is, in my opinion, equally important to send the Edison letter to small dealers, but that part of the letter with reference to sending sample could be left off. It must be remembered that we are going to make a strong effort to build up as large a trade as possible among the small people, for on them can we depend for steady business when the big fellows might be holding off; particularly will this be so when the market is weak, at which time large consumers will be hammering away for low prices, while our country dealers will be satisfied to pay ruling prices.

I feel quite certain that any number of these small dealers would feel very greatly honored at receiving such a letter from Mr. Edison and that it would to a great extent influence them. In fact, the influence would be far greater with that element than with such people as architects, engineers and railroad officials.

I do not mean to infer that these latter people are not important, but they require an entirely different handling. It is desirable to go after them in this manner. Little real headway can be made with them, however, as a class, if we did nothing but circularize them.

As you know, we have never made any special drive

P. F. C....X.

outside of this immediate section, and in fact, have not been able to get down to hard work here, but there is only one way to accomplish anything with the class just mentioned and that is, to get after them personally.

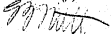
In the small towns, architects have little influence and amount to but little. In the larger towns, after we get to running right and we establish an agency, it is my intention to take one of these places at a time and work the architects, engineers and railroads in that vicinity very thoroughly. Nothing can be accomplished by spreading out thin. When you go after this class, it is necessary to stick right to them until you have accomplished something.

After treating one town this way, we shall take another and shall continue to keep this up, making return visits where we find it necessary.

It is going to take a little time to accomplish all this, but it will give us some great results by the time we get over our ground.

It is going to be expensive to do this, and even after the mill starts up, it will probably, for a long period, cost more to work our territory than we get out of it, which is one feature that does not strike me very hilariously.

Yours truly,



*for*  
Mr. Mallory

Messrs. Pilling & Crane,  
Philadelphia, Pa.

Pittsburgh, Mar. 28, 1905.  
PILLING & CRANE  
PHILADELPHIA  
RECEIVED  
MAR 27 1905

Gentlemen:-

ANS'D  
ENCL

I have your favors of yesterday and note contents.

ARMONIA CO. I will take the matter of tin scrap up at once and see what I can do.

CEMENT. I note what you say in this connection and would say that McMullen is just in from a trip and he called me up this morning to get a freight rate to Cincinnati. He has been out for two weeks and he states that the ruling price to-day is from 80 to 85¢ in all districts, excepting the Pittsburgh district, where he thinks these figures are being cut. He said that at Johnsonburg he ran across an order of 1200 barrels on which Atlas had quoted 85¢, and that he cut his price to 80¢ and got the order.

He also said that he was making prices of from 80 to 85¢, depending upon the business and for reasonably prompt shipment. He furthermore said with respect to the Carnegie Tech. buildings, contracts for which have not yet been let, that one of his acquaintances here, who is in the contract business, had received a price from Lehigh of 85¢, covering

P. S. C. ....

what cement might be used and for delivery running throughout 1905. He said that in some instances he had been able to get 90% in the outlying district, but that as already stated the market was between 80 and 85%.

He said Mr. Croone, their Sales Agent, was enthusiastic and was talking \$1.25 cement to the salesmen and endeavoring to have them get the price up all they possibly can. He said that in his trips running throughout Western Pennsylvania, he could not see any indication of \$1.25 cement, although he did think that possibly by July the market might get up to between 90% and \$1.00.

You will note that a part of this is merely the opinion of this man based upon his observations while on the road, but that so far as the market at the present time is concerned, the information is definite.

Of course, I cannot throw any light on the subject as to what the price is in other sections. I have not much confidence in the rumor. The statements that McMullen makes, I think, are reliable, for the reason that I know he would like to come back to us again. I think, however, that a good way to ascertain just what the situation is will be when we get reports of 90% and better for cement to try to sell it at that figure. If we

P. S. C....E.

can sell a carload at 90¢ that will tell its own story.

I do not believe that conditions in the East are very materially different from what they are here. I have not yet been able to sell any cement at 90¢. I think, however, that I may be able to catch a few people who will pay this price, especially in the outlying districts, and I think in the East that 90¢ might be secured here and there. What we want is to know precisely what the situation is regardless of our desire that the price shall go up, and when reports come in from New York of a betterment in conditions, it would, as I view it, be a good thing to urge Mr. Reagan to sell, say up to 500 barrels at 90¢, and see if he can get this figure.

By the way, McFallen has much to say about the Alpha people cutting prices and making no effort whatever to keep prices up.

Yours truly,





Call Address "Edison, N.Y. N.Y."

To  
J. H. Mott  
N.Y. N.Y.

From the Laboratory  
of  
Thomas A. Edison

Subject, \_\_\_\_\_

Orange, N.Y.

March 30, 1905.

Messrs. Pilling & Crane,  
Pittsburgh, Pa.

Dear Sirs:

The results on the enclosed chart which gives comparisons of tensile strength of sand briquettes (1 to 3), also of fineness of several standard brands of cement, show the results of fine grinding of my cement.

Eighty-five (85%) per cent of my cement is guaranteed to pass a 200 mesh screen, as compared with 75% through a 200 mesh screen as produced by the other plants; each barrel of my cement therefore contains from 10 to 15% more available active material than is found in the other brands of cement which are coarser, and this is clearly shown by the 28 day and six months test with sand.

The experience of the past two years, during which time the cement has been produced in quantity, has shown that the finer cement costs more to produce, on account of the smaller output of each machine, but I believe the consumer will soon appreciate its superior quality and give my cement the preference at the market price.

Yours very truly,

No Enclosures  
J. E.

OTC  
J. E.

# Riegel Sack Company

Jersey City, New Jersey

RECEIVED  
APR 8 - 1906

ANS'D  
ENT'D  
ORD'D

March 30, 1906.

The Edison Portland Cement Co.,

Edison Laboratory,

Orange, N. J.

Gentlemen:-

We have your favor of the 29th, handing us order for the 200,000 cement bags. You do not speak of one point, however, and that is the terms, which are net cash in ten days. Will you kindly indicate your acceptance of these terms, whereupon we will enter the order.

Yours very truly,

RIEDEL SACK COMPANY.

*We look for a  
busy season on  
Cement shops for*

*will for your share  
of the prosperity.*

*G. S. Co*

*Edward Sparks*  
Secretary.

W. H. SHELLBERGNE  
PRESIDENT.

W. S. MALLORY  
VICE-PRESIDENT.

W. S. FILLING  
TREASURER.

HENRY I. CRANE  
SECRETARY

HOMER A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

GENERAL OFFICES:

GIRARD BUILDING, PHILADELPHIA, PA.

70-1-201908-1-M.

Edison Laboratory, Orange, N. J., 3/31/05.

Reigel Sack Company,  
New Jersey City,  
New Jersey.

Dear Sir:-

We have your letter of the 30th, inst., regarding our order for 200,000 bags, and note your terms, not cash in ten days, which terms are acceptable to us.

Yours very truly,

V.P.

Wm. H. SHELLMONGER  
PRESIDENT  
W. S. MALLORY  
VICE-PRESIDENT  
W. S. PALING  
TREASURER  
THOMAS J. CHASE  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia 3/31/'05.

Mr. W. S. Mallory, V. P.,  
Orange, N. J.

Dear Sir :

We have your favor of the 30th instant and think the suggestion in regard to Mr. Edison's letter is a good one. We will retain the proposed form of letter here, assuming that you have a copy of it. We should think that you had better get out 5000 for Pittsburg, 2500 each for New York and Philadelphia, and perhaps 1000 for Boston.

Yours very truly,

*W. S. Paling*  
Treasurer.

W.S.P.

5000 Pittsburg  
2500 N.Y.  
2500 Phila  
1000 Boston

11000

[ON BACK OF PRECEDING PAGE]

75- 2000 2400  
85- 2000 1140  
89 856

①

THOMAS A. EDISON, PRESIDENT  
W. E. GILMORE, VICE PRESIDENT

ADDRESS YOUR REPLY TO THIS COMMUNICATION TO NEW YORK, N.Y.

J. F. RANDOLPH,  
SECRETARY & TREASURER



## EDISON MANUFACTURING CO.

MAIN OFFICE AND FACTORY  
ORANGE, N. J.

EDISON PRIMARY BATTERIES AND FAN MOTOR OUTFITS  
EDISON PROJECTING KINETOSCOPES AND FILMS.

83 CHANDLER STREET, NEW YORK

309 WABASH AVENUE, CHICAGO

IN RETURNING ADDRESS THE COMPANY NOT  
THE INDIVIDUAL, AND RETURN FREE OF CHARGE

31 UNION SQUARE, COR. BROADWAY & 16TH STREET.

CABLE ADDRESS  
"KURILIAN, NEW YORK"

*New York,* March 31st, 1905

Mr. John F. Randolph,  
Edison Laboratory,  
Orange, N. J.,

Dear Sir:-

I am sending you under separate cover a copy of the RAILROAD  
GAZETTE of March 17th, containing an article on "The Effect of Oil Upon  
Portland Cement-Concrete. I would suggest that you show this to Mr.  
Edison; it may be of interest to him. Mr. Mallory also would probably  
like to see it.

You will find the article on page 254.

Yours very truly,

EDISON MANUFACTURING COMPANY,

*W. J. Logue*  
Manager of Sales.

WSL:HJP

*Am E. has seen the  
article*

*Edison  
Thru Logue &  
say we had already  
seen the article*

THE IRON AGE  
THE METAL WORKER  
CARPENTRY BUILDING.

*David Williams Company,*  
232-238 William Street,  
*New York* Mar. 31, 1905.

Edison Portland Cement Co.,  
Edison Laboratory,  
Orange, N.J.

Gentlemen:-

In reply to your favor of recent date, in which you ask if it is possible to change the cut of the "View of the Works from the high ground to the Southward", so as to make the buildings stand out more prominently and subdue the background, we have made inquiries from our engraver, and he advises us that it would be almost impossible to make a change in the cut. Should you desire, however, it could of course be done by retouching the photograph and making an entirely new half-tone. This retouching and half-tone would cost in the neighborhood of \$15.00.

Awaiting your further advice, we beg to remain,

Yours very truly,

DAVID WILLIAMS COMPANY.

B.B./LAW

BRANCH OFFICE:  
625 F ST.  
WASHINGTON, D. C.

## Scientific American

MUNN & CO.

361 BROADWAY, NEW YORK

PATENTS  
TRADE MARKS  
COPYRIGHTS

Gentlemen:-

We take pleasure in sending you herewith, with our compliments, a synopsis of the new trade-mark law which will go into operation on April 1, 1905. It will be found a useful book of reference.

We are happy to offer you our professional services in attending to any trade-mark or patent business that you may have.

Yours faithfully,

*Munn & Co.*



Wm. H. BUSHNELL,  
TREASURER.

W. M. MALLORY,  
VICE-PRESIDENT.

W. S. PELLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. REIDEN,  
GENL. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

April 7, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE Elevator:

Mr. W. S. Mallory, V. P.,  
Orange, N. J.

Dear Sir:-

We have been looking over the proposition of driving the Coal Elevator and screw Conveyor No. 178-1/2. We have decided that the best way to do this is to drive them from the head pulley of Conveyor No. 178, or rather the tail pulley as this conveyor is driven from the lower end. We can very easily put a 25 HP motor on this drive so as to have ample power on Con. 178, then, by making a good belt sag, we feel sure that there will be no trouble in getting sufficient power.

We are going ahead on this principle and would ask you to take this up with Mr. Wilson and if he is not satisfied with this method of driving the elevator and conveyor, to advise us at once. Mr. Herter can give you the details of this.

We are figuring on running the elevator about 20 to 25 revolutions per minute; this will give a capacity to the elevator of between 50 and 60 tons per hour.

Yours very truly,

The Edison Portland Cement Co.,

W.H.M.

*Wm. H. Bushnell*

SUPERINTENDENT.

[ON BACK OF PRECEDING PAGE]

Mason

Leak up

BT/HR

on account of slow speed of ~~drive~~  
~~the~~ Conveyor belt the adhesion  
necessary to get even 5 horse  
power would be very very great,  
therefore to drive Elevator gear  
must increase your belt speed  
considerable, assuming 5 horse  
power it requires 1640 pounds adhesion  
to tail pulley <sup>or</sup> 6560 lbs strain on belt,  
at 300 belt speed 2186-pounds -  
to be on 2 belt would have to be  
speeded to 350 or 400 ft <sup>per</sup> minute  
& Reversing gear put in

$$\begin{array}{r} 3 \overline{) 6560} \\ \underline{2186} \end{array}$$

[ATTACHMENT]

Please consider another  
way - to cut Extension  
of shaft on top sprocket  
of Elevator over to  
Roll drive pulley being  
12 ft & then use a  
~~double~~ Gelf ~~the~~ over  
the Roll belt, & reversing  
gear -

Edison

128/11

# Riegel Sack Company, L.L. & CRANE.

Jersey City, New Jersey

RECEIVED  
APR 11 1906

ANS'D \_\_\_\_\_  
ENT'D \_\_\_\_\_  
O.P.D. \_\_\_\_\_

April 8, 1906.

Edison Portland Cement Co.,

Orange, New Jersey.

Gentlemen:-

Your favor of the 7th inst. at hand. We note that you expect to use some sacks for shipping your finely ground lime-stone. We will get you up a label as outlined on the bottom of your letter, and submit the same to you early next week.

We are very glad you made the purchase of Onanburg sacks when you did, as they have not only made a material advance, but it is indeed hard to get the bags at any price.

We are not making Paper Sacks at the present time. We would refer you to the S. George Company, Well shore, West Virginia. These people we think make the very best paper sack on the market.

Yours very truly,

RIEDEL SACK COMPANY.

*Ray D Riegel*

General Manager.

W.

*These  
note  
return*

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS AND OTHER CONDITIONS BEYOND OUR CONTROL.  
ALL CONTRACTS ARE SUBJECT TO THE APPROVAL OF THE NEW YORK OFFICE.



# Northampton Portland Cement Company,

B. SHERWOOD-DUNN, Pres.  
WILLIAM H. STAYTON, Vice Pres.  
C. M. JAMESON, Secy & Treasurer.

DIRECTORS:  
JOHN H. NEEDHAM,  
LUDWIG C. WARRIER,  
CHARLES E. SPRAGUE,  
SILAS B. DUTCHER,  
WILEY FISKE,  
WILLIAM H. STAYTON,  
CONRAD HILLER,  
J. C. McGUIRE,  
JAMES VINCH,  
B. SHERWOOD-DUNN,  
FREDERICK H. SCHER,  
C. M. JAMESON.

STANDARD OIL BUILDING,  
26 BROADWAY.

WORKS: STOCKERTOWN, PA.

LONG DISTANCE  
TELEPHONE CONNECTIONS.

STOCKERTOWN, N.Y. APR 13 1905 190

Mr. W. S. Mallory,  
Orange, N. J.

Dear Mr. Mallory:

I received a request this morning from Mr. E. G. Boileau, of Easton (who said he met you at the Asso. meeting a day or two ago) for the following Edison data to be incorporated in a confidential report to certain interests in England. As my information would be from memory and only approximate I would be glad to be governed by your wishes in the matter as to the data itself and whether or not to furnish it. A prompt reply is requested to my Easton address

Very respectfully, yours,

Broke ground at the mill.  
First Cement made  
Date of accident in Coal Plant  
No. of Barrels of Cement made first period.  
Resumed operations after accident.  
No. of Barrels of Cement made to date.  
Date of last shut down.

Wm. H. BRIDGES,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. H. TILGNER,  
TREASURER.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
MAN'G. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

May 3, 1903.

TRADE MARK  
*Thomas A. Edison*

IN RE: Report:

Mr. Thomas A. Edison, G. K.,  
Edison Laboratory,  
Orange, N. J.

*Wm. H. Bridges*

Dear Sir:-

We turned the Coal Plant over Sunday for the first time and Sunday night started to grind coal. We found that the screens would hardly take anything through them which, of course, overloaded the elevator boot so it was necessary to shut down and clean it out. This happened once or twice, then we removed the screens in order to test out the rolls and ran for two or three hours, then the gears of the coal rolls broke, on examining them we found that there was one tooth on one gear which was spaced from 1/4" to 3/8" out, this running at slow speed seemed to wedge together and did not make any jar, but, at full speed it made some noise but we thought it was only due to the rough cast gears and it was impracticable to check them up properly on account of their being shrouded. We put in a false tooth for this gear and got started again about three o'clock Monday night.

I also changed the screens from a 54° angle to 45° angle, and the mill then worked pretty well with material going to tube-mill showing about 28% 200 mesh; this is about 10% better than we were ever able to get out of the ball-mill. We had some trouble with the coal screens put in on Conveyor 179 on account of running at much higher speed, but think it will be allright. *When I change speed.*

T.A.E....2. 5/3/08.

Our tests of the coal from the Smith tube-mill showed a fineness of from 68 to 72% 200 mesh; this is better than we have ever been able to do with the ball mill instead of the rolls and I think we can improve on that. I have not started the second tube-mill yet and am waiting to get the rolls, screens, elevator, etc., adjusted before I put it in.

After running the Chalk Plant on Monday, I found we had so many spills and dust leaks that I decided to shut it down until this morning in order to get as many of these fixed up as possible; otherwise the plant seems to be running nicely.

Our Rock Stock House is pretty well filled up and I have taken the opportunity for the last two days and drilling off some of the carbonate which is on the left hand side of the carbonate cut, and also to get ahead some with my stripping.

I am putting slow fires in two of the kilns today and expect to have them running tomorrow.

Yours very truly,

W.H.M.

W.H. Munn

[PHOTOCOPY]

5/3-05

J.F.R.

Please submit attached list  
of cement directors to Mr. Edison  
and if it is in accordance with  
understanding with Pilling - have

Orange channels stable off 100. again  
and send to you at laboratory - I  
will get them in on Monday next -

have channels change to me personally - I  
will send personal check - if Mr. E. & Mr. B.  
did not agree have slip printed anyway  
Muller



Wm. H. Mendenhall,  
PRESIDENT.

W. H. Mallory,  
VICE-PRES.

W. H. Pugh,  
TREASURER.

Thomas J. Crane,  
MANAGER.

Thomas A. Brown,  
CHIEF ENGINEER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

May 4, 1905.

IN RE Shafts:

My Dear Mr. Edison:-

Kilns 3 and 4 have started making clinker. We have just had one of the shafts in the supporting wheels at the chalk end of <sup>24</sup>the kiln break same as those did last August. We have six extra shafts on hand and I have decided to order 12 more of nickel steel from the Bethlehem Steel Company so to be on the safe side. *will try to replace as soon as possible*

This as a matter of information.

Yours very truly,

W.S.M.

Thos. A. Edison, Esq.,  
Edison Laboratory,  
Orange, N. J.

*Wm. Edison*

*Shawn in 10 days each  
replace as soon as possible  
give out - + will try to  
change quick - each  
shaft costs about \$300*

Wm. H. SHELDON  
PRESIDENT  
W. B. WALLEY  
VICE-PRES.  
W. B. FILING  
TREASURER  
THOMAS A. EDISON  
SECRETARY  
THOMAS A. EDISON  
DEVELOPMENT MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia 5/4/05.

*Answered May 10/05*  
Mr. Thomas A. Edison

Orange, N. J.

Dear Mr. Edison :

I was sorry to have missed you yesterday. I had left Philadelphia before receiving your telephone message, and was told at New York that you would not arrive at your destination there before 12:30, and would then probably be engaged for some little time. I therefore telephoned to Mr. Robert H. Thompson, who made an appointment to go to Brooklyn to inspect his cement building, and I returned to New York, expecting to see you in the afternoon. I called up Mr. Reiff's office and learned that you had left there at two o'clock, and subsequently found that you had left the Western Union Building at three o'clock. I waited around until nearly five and then came home. I suppose the best thing will be for me to come over and see you on Saturday morning, if you expect to be at the Laboratory then.

Please wire tomorrow whether this will suit.

Yours very truly,

*W. B. Filing*  
Treasurer.

W.S.P.

*As 3 o'clock was your board meeting when I got through at 3 o'clock I went to see. I am sorry I had to wait so late that I am thinking you had gone home some time ago.*

*If you want to see me, call on me.*

[ON BACK OF PRECEDING PAGE]

Haunt perhaps. I can explain  
why I want him -  
As I understand from Mr. Mallory  
Mr. Shelburne is willing to  
accept president, this suits  
me exactly. I thought he was  
not willing to be elected so I  
proposed Thompson -  
You know I have a lot of money  
invested only have Mallory  
myself on the board, & I thought  
it not out of the way that  
I should have Haunt with me  
take some stiff arguments to  
convince you that I am not  
so entitled. Haunt is new blood  
knows everybody & will certainly  
interest outsiders in our  
Enterprise  
John Edson

For Mr. T. A. Edison.

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

5/4/'06.

Mr. W. S. Mallory, V. P.,  
Stewartsville, N. J.

Dear Sir :

We have your favor of the 3rd instant.

We have written to Mr. Webster, Chief of the Department, asking if he can make an appointment at 10:15 A. M. or 3:00 P. M. Tuesday, and hope for a favorable reply.

The writer did not succeed in seeing Mr. Edison yesterday. He wired us on Tuesday that he would be at the Laboratory, but was unexpectedly called to New York. We are now trying to make another appointment.

Yours very truly,

Treasurer.

W.S.P.

Wm. H. BUSHNELL,  
PRESIDENT.

W. H. BALLANTYNE,  
VICE-PRESIDENT.

W. H. FALLEN,  
TREASURER.

THOMAS I. CHASE,  
MANAGER.

THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

May 5, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE

Dear Mr. Edison:-

*Write Mr. Ballantyne regarding this on June 21-1905*

Under the new arrangement for working capital we will not be able to get any money until we have made shipments of cement, we can then get from Pilling & Crane paper for 90% of our shipments and we will discount the paper; so we must provide cash until shipments have been made.

We will require to carry us over May the following:

Bills payable for merchandise	- - - - -	\$3100.00
February unpaid vouchers	- - - - -	1900.00
March unpaid vouchers:		
Cash Goeller	- - - - -	\$1100.00
Mt. Vernon	- - - - -	900.00
Currier	- - - - -	600.00
Small bills	- - - - -	4500.00
Pay Roll Apr. 15 - 30, part operating	- - - - -	7100.00
" May 1 - 15, largely operating	- - - - -	11500.00
Freight bills Apr. 15 - 30 - - - - -	- - - - -	11000.00
" May 1 - 15 - operating	- - - - -	500.00
Freight bills May 1 - 15 - largely coal:		
Daily 75 tons slack 4/20 to 5/15,		
April 20 to 30th 750 tons		
May 1 to 15th 1050 "		
1800 "	@ \$1.95 operating	3510.00
Daily 50 tons steam 4/20 to 5/15,		
April 20 to 30th 500 tons,		
May 1 to 15th 700 "		
1200 "	@ \$1.65 operating	1980.00
		<u>\$41090.00</u>

Of the above nearly \$15,000.00 is chargeable to operating expense.

We had on hand May 1st in cash about \$6,000.00 and Mr. Randolph was to send us \$23,000.00 during May, making a total of \$29,000.00 available; so we will be short during May say about \$10,000.00. (We will probably

T.A.W.....2. 5/5/05.

receive some cash from old cement shipped say \$2,000.00, as we have shipped about 5,000 barrels since April 1st.)

I had expected, before present plans for working capital were adopted, to ask Mr. Randolph to send us in June \$25,000.00 and July \$15,000., being the amount you were to send to cover the balance on construction, and the \$25,000.00 towards working capital, instead of which we will have to have \$10,000.00 in May, \$25,000.00 in June and \$5,000.00 in July; if it is not convenient to send the \$10,000.00 for May in cash, we can use your notes which will get discounted.

Please have Mr. Randolph let me know <sup>whether</sup> you will send cash or notes. We will need the \$10,000.00 about May 15th.

Please note carbon copy of letter to Filling & Crane on subject of financing bags.

Yours very truly,

W.S.M.

ENCLOSURE:

*Wm. M. Long*  
*started clinker fine grinder today*  
*so entire plant is in operation*

[ATTACHMENT (PHOTOCOPY)]

May	8000		60
June	18000		25
	<u>26000</u>		<u>85</u>
	25000	Low	34
	<u>51000</u>		<u>51</u>

May	18000
June	25000
July	8000
	<u>51000</u>

Wm. H. Mendenhall,  
PRESIDENT.

W. R. Mallory,  
VICE-PRESIDENT.

W. R. Tallent,  
TREASURER.

Thos. J. Crane,  
SECRETARY.

Thomas A. Edison,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

TRADE MARK  
*Thomas A. Edison*

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

May 5, 1905.

IN RE: Bags:

Pilling & Crane,

Girard Trust Building,  
Philadelphia, Pa.

Dear Sirs:-

We have arranged to provide about \$33,000.00 cash which with cash on hand May 1st and collections you will probably make from cement shipped should give us about \$41,000.00 for May, which will pay bills payable; February accounts, part of March, also Pay Rolls April 15 - 30th and May 1 - 15th; also freight charges on incoming goods and coal up to May 15th.

Of the above nearly \$15,000.00 will be chargeable to operations.

In addition we have ordered delivered in May 100,000 cement bags for which we have to pay cash in 10 days; these bags will amount to a little over \$7,000.00 and are necessary if we make a fair amount of cement during May. (if for any unexpected reason we should not make as much cement as we expect, we will delay receipt of the bags and throw delivery over into June).

It may be necessary before the month is out to finance these bags, if so would you be willing to have us bill them to you at cost and you then issue to us your paper which could be discounted and which would represent merchandise; then we would invoice enough cement to you without charging for bags until the advance had been wiped out. I believe we will ship enough cement so this will not be necessary and merely suggest it to be on safe side. Are you willing to do it if necessary?

Yours very truly,

W.S.M.

V.P.



5/7/06  
R.H.T.  
330 WEST EIGHTY-SIXTH STREET

Dear Mr Edison  
Mallory told me  
that we were expected  
to go over to Phila  
tomorrow, Monday, right  
as usual but did  
not give me any

I am going Tuesday morning five o'clock  
in automobile, come over to stay all  
night with me tonight ~~have room~~  
for you - ~~separate~~ bring etc. pictures  
conserve -

3

Particularly as to where  
we should stop nor  
where we should  
meet you ~~nor~~ at what  
hour. I have May's  
prog & expect the  
Barrow Estate tomorrow  
won't you have some  
me telephone me tomorrow  
at Elven; <sup>"4132 main"</sup> particularly  
& oblige your friend  
J. A. Dixon Esq. R. A. Thompson  
Orange

advertisement to  
 Eugene Munn  
 of New York  
 no public use  
 but for  
 patent  
 Arthur King  
 Grantland  
 Wash  
 May 8, 1905  
 Answered  
 May 11, 1905

Dear Sir,

I wish to find  
 a market for Tungsten Ore.  
 Do you use it in your work  
 if not can you inform me  
 who would be the most likely  
 to want such ore.

I understand it is used in  
 the manufacture of the higher  
 grades of steel.

Oblige Yours Respectfully

Arthur King

Grantland

Wash

Stearns Co.

Wm. H. BUELLMANN,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. H. PULLING,  
TREASURER.

THURMON I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

May 10, 1905.

TRADE MARK  
*Thomas A Edison*

IN RE Clinker Fine Grinder:

Mr. Thomas A. Edison, G. M.,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:-

In running the clinker Grinding Plant a short time Monday we found that the screens clogged up. We found the same trouble again on Tuesday morning on a short run, so I had them all cleaned thoroughly and then ran 1/2 hour and shut down to examine them; we found a great many which were entirely closed up with dust and I dare say there was at least 50% of the area of all of them closed and the output of cement was very, very small, I therefore, removed all of the screens and started another run this morning and find that we have been making about 100 barrels an hour of cement about 93% through 200 mesh screen with two grinders. This, of course, will increase materially when we increase the speed of the blowers so as to be able to blow about 86% through 200 mesh screen.

We are also adjusting the shelves in the distributors so as to get the feed evenly distributed on both sides; this has not been completed yet, and I think will make a material difference in the output when we get them all properly set.

In regard to the screens, it seems to me that our tests which show that there were eddies in the air current were made when there was no ore passing through the breaking up plates, but, when the stream of ore is

Mr. T.A.R....2.. 5/10/05.

spread out as it is at present, it seems that the ore itself would act as a very perfect screen and, therefore, we would not need the screen cloth; at any event it seems impossible to use the latter on account of it clogging up. I noticed that when the screens were ~~clogged~~<sup>for</sup> that there was a great deal of lint which no doubt came from the blower gunny chambers, gunny cloth for conveyors, etc., which no doubt caused them to close up faster than they would other-wise have done, but, while we ran we found that the screen far~~est~~<sup>est</sup> away from the blowers clogged up as fast or faster than the one next to the blowers.

The new belt conveyors Nos., 130 and 131 seem to work very nicely, the turn-ups especially seem to be a great success.

We are having some trouble with the new fine grinding roll on account of the main bearings; will advise you in regard to this as soon as we can determine where the trouble is.

Yours very truly,

W.H.K.

The Edison Portland Cement Co.,

*W.H.K.*  
SUPERINTENDENT

P.S.

will have to make new shoes for blowers to get proper speed - think it should be about 170 R.P.M.,

*W.H.K.*



ADDRESS ALL COMMUNICATIONS TO THE COMPANY

HARRY OTTENLEH, President  
GEORGE GRIMMID, Vice Pres.  
GEO. S. SYKES, Secretary  
E. H. YOUNG, Treasurer  
CHAS. A. MATCHAM, Manager

CABLE ADDRESS  
LEHIGH-ALAT-THRU

CAPACITY  
5,000,000 BBL. YEARLY

WORKS:  
MILLS A. & F. GRIMMID, LEHIGH CO. PA.  
B. WOODLAW, " "  
C. S. HITCHELL, INDIANA  
E. WELLS, OHIO

*Allentown, Pa.* May 19th, 1905.

Laboratory of Thos. A. Edison,  
Orange, N. J.

Gentlemen:-

Your circular letter is received, and if you will have a sample of your cement expressed to me at Allenton, we will be glad to make a test on same.

At this writing I cannot but express myself at the bad price you are making in calling the attention of the public that you are grinding finer than any one else. All manufacturers of course will have to follow in line, it is not going to give you a cent more for your cement, nor do Architects and Engineers ask for such a fineness, and therefore we should have thought it would have been better for you to have made a cement similar to our own, and thus be the gainer in the cost of manufacture. You will excuse my having made this expression.

Yours truly,

Lehigh Portland Cement Co.

*Chas. A. Matcham*  
Manager

*Order please note  
return - we  
will forward  
sample in*

*noted  
now*

RUSSELL THAYER,  
N. W. COR. BROAD AND ARCH STREETS,  
PHILADELPHIA.

*ms*  
*7/29*  
May 23rd, 1905.

Mr. Thos. A. Edison,  
Orange, N.J.

Dear Mr. Edison:-

I have received your circular letter of the 1st inst.  
in regard to the great advantages of the Edison Portland Cement,  
and I have read the same with much interest.

It will give me pleasure to bring the matter to the  
attention of the parties with whom I am connected, who use at  
times large amounts of Cement.

I was talking to Mr. Lansden, of Newark, N.J., over the  
phone this morning, and I am pleased to know that you are in-  
terested in this latest invention of mine, namely, the Trolley-  
~~Electric~~ Vehicle. I have adapted it to the Lansden Wagon,  
which I understand meets with your approval, and I think that  
the Trolley-electric vehicle will have a very extended use in  
the near future.

Sometime when I get an opportunity, I am going to run  
over to see you, for I have not had the pleasure of seeing you  
for many years, but I have watched with great interest the  
interesting and most valuable results to the world produced by  
the greatest inventor of the age.

Yours truly,

*Russell Thayer*



May 29, 1905.

Dear Mr. Edison:-

As per my telephone message of Saturday night, we are commencing to see daylight in the Clinker Fine Grinding Plant, and as soon as we can get the blowers all adjusted so they will all run the same speed, which we are doing as fast as possible, we expect to settle down to regular everyday work with capacity in excess of the kilns:

We made changes last Friday in the baffles at Clinker Blowers with following results in output of cement:

Friday night: 6.00 P.M. to 6.30 A.M.  
Grinding 9 hours, output 1347 barrels, average bbls.,  
per hour 150.

Saturday: 7.00 A.M. to 5.10 P.M. *only*  
Grinding 8 hours 12 minutes, 1416 " "  
per hour 172.

Saturday night: 6.00 P.M. to 6.30 A.M.  
Grinding 8 hours 28 minutes, 1438 " "  
per hour 170.

Sunday night: 6.00 P.M. to 5.30 A.M.  
Grinding 10 hours 18 minutes, 1553 " "  
per hour 180.

The above shows that when we get adjustments all made, we will have capacity so we should average over 3,000 barrels per day output.

As to the kilns, we have not as yet pushed them as to output and will not do so until we make ~~some~~ <sup>same</sup> changes on blowers in Chalk Plant as we have in Clinker Fine Grinding Plant so that we may have needed capacity and to spare.

The output of kilns is as follows per 24 hours:

Friday 2046 barrels.  
Saturday 2142 barrels.  
Sunday 2471 barrels.

I will give you details when see you later in the week.

Yours very truly,

W.S.M.

*Thalley*

Thos. A. Edison,  
Edison Laboratory,  
Orange, N. J.

*Have sent duplicate to C & C  
+ Thompson*



[PHOTOCOPY]

Mr Edison

Notes log report

Wednesday May 31 - blinker

Time spending

7 AM to 12:00 noon

total 921 blinks average 198 blinks  
per hour

we will get over 200 when get  
changes all complete

M

6/1-05



PILLING & CRANE,  
GENERAL SALES AGENTS.

## The Edison Portland Cement Co.,

2001 Farmers Bank Building.

Pittsburg, June 2, 1905.

Mr. Thomas A. Edison,  
Orange, N.J.

Dear Sir:-

We beg to acknowledge receipt of your valued favor of the 1st instant, with reference to your connection with Edison cement.

The letter hits the nail exactly on the head and will be of great assistance to us.

Thanking you for the letter, we remain,

Yours very truly,  
Pilling & Crane.

*For Mr. Edison*

June 3, 1906.

Report:

Mr. W. S. Pilling, Treas.,  
Girard Trust Building,  
Philadelphia, Pa.

Dear Sir:-

The following is the situation as I see it today:

Clinker and Cement: We made during May 43,406 barrels of  
Clinker and ground 25,137 barrels of cement.

During the past three days (May 31st, June 1st and 2d),  
we have made cement and put it into Cement Stock House at rate of 2,352  
barrels per day.

Shipments: From May 24th to and including June 2d we have  
shipped 8,880 barrels cement or at the rate of 987 barrels per day. As  
soon as orders warrant it we can easily increase packing force and  
pack up to 3,000 barrels per day by day and night gangs.

Unfilled orders for which we have Shipping Instructions: From  
June 3d to 6th we have unfilled orders which we can ship of 2,695 barrels  
or 898 per day; after that we have shipping orders only for 150 barrels  
per day.

Consequently we will be putting into Cement Stock House over  
1400 barrels per day more than we ship. *up to June 6th*

Stock on Hand: We had June 2d, in Cement Stock House, 23,550  
barrels cement and about 26,000 barrels of clinker, and it will take only  
about twelve days to bring stock in Cement Stock House up to 40,000

W.S.P.....2. 6/3/05.

barrels where it will commence to give us trouble to keep the aged and fresh <sup>separate</sup> even though we receive shipping orders at same rate as during the past ten days.

Under our new agreement with Messrs. Pilling & Crane, cement stored here is of no value to us financially and as you fully understand the financial situation, you can easily see where we will soon drift unless some arrangement is either made to move the cement faster or arrange for advances against our Stock here.

I know it is hard to get orders for a new cement, but it must be done and while we want the highest possible prices obtainable, it seems to me that you should make whatever price is necessary to take all orders available for immediate shipments, but get the market price on future orders.

CCAL: I have written you in another letter about overshipments, our order called for a total of 125 tons per day of Steam Coal and Gas Slack; since April 30th to June 1st you have shipped us at the rate of about 241 tons per day or nearly twice our orders, \*compelling us to pay about \$8,300.00 more freight than we had calculated, besides keeping an extra force of men at work in Yard Gang to take care of the extra coal. We shall expect you to help us finance this additional freight.

This letter is not written in a complaining spirit, but merely that you may know the present situation as we see it and realize, as no doubt you do, the absolute necessity of giving us more immediate shipping orders.

Yours very truly,

W.S.M. We notified you  
May 23rd to let up on coal shipments  
but do not see any effect yet

V.F.

WM. H. MULLERBACH,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. H. TILDEN,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
June 5, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE Report:

Mr. Thos. A. Edison, G.M.,  
Edison Laboratory,  
Orange, N. J.

*Hester*

Dear Sir:-

You will see from our log reports that we have been having a great deal of trouble with No. 1 and No. 2 Clicker Grinding Roll and No. 1 Chalk Roll on account of loose bolts in retaining plates, loose bolts in collars, broken sheaves, etc. We find on looking into it that this is caused by the collars inside the bearings being loose, bolts having worn the cotters off, and also the sleeves on which the sheaves run being loose on the shaft on account of never having been properly fitted. The small key in these sleeves is worn in one case so that the sleeve could turn around on the shaft.

I am getting new sleeves for sheaves and boring them so that they will fit tight and will be put on under pressure; that I think will cure part of the trouble.

The bolts in the collars I am having made about 1/2" longer than the nut and riveting over and I think that that will cure the trouble with them.

It will take us some 11 tile time to get this work all finished, but then I think these rolls will be in fair condition; and we will get it done as soon as possible.

Yours very truly,

W.H.M.

*W.H.Mason*

Wm. H. BULLINGTON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FULLER,  
TREASURER.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

June 14, 1905.

IN RE: Letter:

Mr. J. F. Randolph,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:-

Please note the enclosed letter to Mr. Edison, and I beg to suggest that Mr. Edison telegraph me, care of the Philadelphia office tomorrow "If any copy made Matcham letter, have it destroyed immediately," Signed Edison". Then I will take a carbon copy of the letter to Mr. Edison <sup>also</sup> with the telegram and forward to Mr. Matcham and get the matter straightened out in this way.

Yours very truly,

W. B. M.

*Wm. B. Mallory* V.P.

ENCL. SURM:

[ENCLOSURE]

Wm. H. STEWARTSON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. H. PILLING,  
TREASURER.

THOMAS J. COANE,  
MANAGER.

THOMAS A. RICHES,  
SUPV. LABORERS.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

June 14, 1905.

IN 1400

Letter:

TRADE MARK  
*Thomas A. Edison*

*Mallory*

*Rec. Pilling*

*Do not use Matchem  
letter. It was privately returned*

My Dear Mr. Edison:-

While at Atlantic City yesterday, I met Mr. Matchem of the Lehigh Portland cement Company, and he seemed quite disturbed, because it is evident a copy has been made of the letter which he wrote you on the subject of "Fine Grinding." You will remember when the letter came in, you marked on it "Mallory, please note"; when it was received here I sent it on to Mr. Pilling with request that he note same and return it to me, which was done, and as soon as it was received from Philadelphia office, I returned it to the Laboratory.

Mr. Matchem states that he has had one or two parties call his attention to the fact that a copy of the letter <sup>has been</sup> shown. Mr. Pilling stated yesterday, <sup>has been</sup> so far as he knew no copy of the letter had been taken, but, admitted there was an opportunity to take a copy while the letter was going through his office; so in all probability this has been done.

I feel it my duty to report this to you as Mr. Matchem's letter to you was a personal one, and I know that you would be displeased to know that any commercial use may have been made of it.

Yours very truly,

W.B.M.

Thos. A. Edison, Esq.,  
Orange, N. J.

*Wm. Mallory*

[ENCLOSURE]

Wm. H. BISHOP, JR.,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. H. FILLING,  
TREASURER.

THOMAS J. CHASE,  
ASSISTANT.

THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

June 14, 1905.

TRADE MARK  
*Thomas A. Edison*  
IN RE Letter: *W.E.*

My Dear Mr. Edison:-

While at Atlantic City yesterday, I met Mr. Matcham of the Lehigh Portland Cement Company, and he seemed quite disturbed over the letter which he wrote you on the subject of Fine Grinding. You will remember when the letter came to Orange, you marked on it "Mallory, please note"; when it was received here I sent it on to Mr. Filling with request that he note same and return it to me, which was done, and as soon as it was received from Philadelphia office, I returned it to the Laboratory.

Mr. Matcham says that he has had one or two parties state they have heard of the letter. Mr. Filling stated yesterday, that so far as he knew no copy of the letter had been taken, but, admitted there was an opportunity to take a copy while the letter was going through his office without his knowledge.

I feel it my duty to report this to you as Mr. Matcham's letter to you was a personal one, and I know that you would be displeased if any commercial use has been made of it.

Yours very truly,

W.S.M.

Thos. A. Edison, Esq.,  
Orange, N. J.

*Copy of this letter sent to  
Mr. Matcham similar  
letter on previous page  
not forwarded.*



*Mr. Edison  
Please Note + file  
m*

June 20, 1905.

Bags:

Mr. W. S. Pilling, Treas.,  
Girard Trust Building,  
Philadelphia, Pa.

Dear Sir:-

Confirming telephone message of last night, beg to state that yesterday I spent the day in New York on the bag question.

I found that it is almost impossible for the bag people to get any Osnaburg cloth, as the mills are all sold up until sometime next year. I ran across Percy Kent who stated that he had on hand some Osnaburg, and as he was desirous of getting some of our trade, would take a moderate sized order from us so that we could see as to the quality of his goods. So, I placed order with him for 200,000 bags for deliveries 50,000 each July, August, September and October at prices indicated in carbon-copy of letter herewith attached.

I also tried all the other bag people, but, was unable to get any definite promises as to deliveries, and I found that the Atlas and other Companies were buying from the Riegel Sack Company, cement bags made of Japan sheeting, and after some considerable negotiations, I placed order with them for 300,000 bags at \$75.00 per thousand, as per carbon-copy herewith attached.

Mr. Riegel states that they will be able to make us prompt shipments, and while the bags are not as good in quality as the Osnaburg, that it is all that he could supply us. He told me confidentially that

Mr. W.S.P. ....2.

6/20/05.

the Atlas Company had purchased 2,500,000 of these bags, and I saw an order from them for 1,200,000 bags at the same price as that we are paying.

When we get shipping 2,500 barrels per day, which we can easily do as soon as we have orders, we will require 10,000 bags per day, or, 250,000 bags per month. From the best information I can get we will require from 150,000 to 200,000 bags for the next couple of months, then, our bags will commence to come back; so, to be on the safe side, I have decided to buy the number above stated. You will note in the letter to the Hegel Back Company, that if our own bags come back faster than we expect, that we have the right to delay shipments.

Before placing the orders, I consulted both with Mr. Edison at Orange and with you over 'phone last night, so to get judgment of you both before orders were closed, and you both agreed that it was a risk we necessarily had to run, as we cannot ship our cement unless we have the necessary bags.

Yours very truly,

W.S.P.

V.P.

ENCLOSURES:

Wm. H. BIRMINGHAM,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FRANKS,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

June 23, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE      Electrician:

Mr. Thos. A. Edison:-

Mr. G. B. Arnold, who has had charge of our Electrical Department, advises me on my return this morning, that he has accepted another position, and wants to be relieved by the first of July.

Mr. Arnold is the man that Mr. Steinmetz furnished us from the General Electric Company, by your request, and has proved himself very satisfactory. He advises that his reason for leaving us is that he wants to get more experience on alternating current work, and has accepted a position on this account.

The man we are looking for will have entire charge of the Electrical Department at the wages of \$6.00 per day. He will have charge of about 15 or 16 men, including night and day shifts and about 140 direct current motors ranging in size from 1 HP to 100 HP.

Will you please take this matter up with Mr. Steinmetz and see if he can furnish us with a man who can fill this position, and if he can find a man, we would like to have him here by the first of July.

Yours very truly,

W.S.M.

The Edison Portland Cement Co.,

*W. S. Mallory*  
SUPERINTENDENT

W.P.

WM. H. HENDERSON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. H. PEARSON,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

June 30, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE: Ropes:

My Dear Mr. Edison:-

*Ans 7/1/05*

ROPS: From May 1st up to June 28th, we have used on the five sets of fine grinding rolls, fifty-two (52) ropes, and as these ropes cost us for labor and material about \$30.00 each. The cost for the above period has been about \$1,560.00. I also find that the loss in time in the Clinker Plant during the above period for putting on new ropes has been 1146 minutes making a loss, if we estimate output of the Clinker Plant at \$2.00 per minute, of \$2,292.00 additional over the cost of the ropes.

We have tried quite a number of schemes and are still trying to improve the average life of the ropes, which on the 52 ropes averages 48 hours. If we could get a device which would make the ropes last twice as long, it would save us in extra cost on the ropes and loss of output over \$950.00 a month on the above basis.

I write you this so you can realize the importance of hurrying along the spring sheaves so that we may get them on and test them at the earliest possible moment.

We seem to be making progress more or less on almost every other thing, except on the ropes, and our present operations are not better than last years run.

If you have any suggestions to make, which may aid us on this problem, we would be very glad to have them.

W.S.M.  
Thos. A. Edison G.M.  
Orange, N.J.

Yours very truly,

*W. B. Mallory*

Wm. H. BORMANNING,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. M. PILLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
July 3, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE: Report:

My Dear Mr. Edison:-

The results in Boiler Plant, as indicated by the water meter, are as follows:

In June we evaporated 9.39 gallons of water per pound of coal used. I think this is quite satisfactory as I find the <sup>average</sup> results obtained at the Coal Testing Plant at St. Louis in 1904, test being conducted by the Government, the results of Pennsylvania bituminous show from 9.04 to 9.79 gallons and on west Virginia bituminous from 8.95 to 10.30 gallons per pound of coal.

KILN COAL: The results for June show an average of 79.6 pounds of coal per barrel of clinker, that is, without fine coal. I think when we get the rolls running again with the corrugated shells, that it will be found we will do much better than ~~these~~ <sup>these</sup> figures in July.

Yours very truly,

W.S.M.

Thos. A. Edison, Esq.,  
Orange, N.J.

*Wm. H. Bormanning*

Wm. H. BULLARDSON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRESIDENT.

W. B. FILLIS,  
TREASURER.

THOMAS J. CHASE,  
MANAGING.

THOMAS A. EDISON,  
CHIEF ENGINEER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
July 8, 1905.

TRADE MARK  
*Thomas A. Edison*

EN 142

Coal:

My Dear Mr. Edison:-

In accordance with request made through Mr. Mason,  
beg herewith to give you the amount of coal used during June, at the  
various plants:

### STEAM COAL:

Quarry	153,300 pounds.	68 tons
Boiler House	3,880,200 "	1732 "
Machine Shop	239,850 "	107 "
Locomotives (2 & 3)	100,450 "	45 "
Dryers (1 & 2)	337,600 "	150 "

### GAS COAL:

We used at the Roaster Plant 5,023,100 pounds. 224 1/2 tons

Yours very truly,

W.S.M.

Thos. A. Edison, Esq.,  
Orange, N.J.

I doubt accurate quantity - machine shop & locomotive  
take from same pile so chance for error:  
939 gallons <sup>water</sup> per barrel of coal now being, do  
checking back I find first figures given me <sup>coal</sup> ~~water~~  
did not include 32,300 lb gas slack burned at boiler  
plant - and came too large to go through coal gully without

WM. H. BINKLEBUSH,  
TREASURER.

W. B. MALLORY,  
VICE-PRESIDENT.

W. B. PIERCE,  
VICE-PRESIDENT.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
July 18, 1905.

IN RE      Boiler Plant:

Dear Mr. Edison:-

Relative to results obtained in Boiler Plant in June. I find in going over the matter again that in the last result reported to you no allowance was made because the water was measured at practically atmospheric temperature instead of 212°, as is usually done in boiler tests.

I have just had the results figured based on "equivalent evaporation from and at 212° per pound of coal", no deduction being made from the coal on account of moisture, and the results obtained are 9.26 pounds of water per pound of coal, which is good practice as I understand it for a Boiler Plant of our size.

Yours very truly,

W.S.M.

Thomas A. Edison, Esq.,  
Orange, N. J.

WM. H. BIERBAUMER,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. FILLIAM,  
TREASURER.

THOMAS J. CRAIG,  
SECRETARY.

THOMAS A. EDISON  
CHIEF, MANAGER.

*Portland cement*

TRADE MARK  
*Thomas A Edison*

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

July 25, 1905.

IN RE Plant:

My Dear Gilmore:-

I am in receipt of yours of the 20th, enclosing letter from Mr. Wm. C. Michaels, and I beg herewith to enclose carbon-copy of my reply, which explains itself.

Trusting my answer will be satisfactory, I am,

Yours very truly,

W.S.M.

Mr. W. E. Gilmore,  
Orange, N. J.

ENCLOSURE:

*Wm. Albany*



[ENCLOSURE]

July 25, 1905.

Plant: 2

Mr. Wm. C. Michaels,  
New York Life Building,  
Kansas City, Mo.

Dear Sir:-

On my return here I find your letter of June 29th to Mr.

W. H. Gilmore, who has referred it to us with request that we give it attention.

In reply would state that our plant for manufacturing cement, with Mr. Edison's machinery, has been in operation for some considerable time, and we are making daily shipments; it, however, is our intention to bring this plant to its maximum capacity of 10,000 barrels per day before we take up the matter of other plants in other sections of the Country, and as this Company has the exclusive right to use the cement machinery invented by Mr. Edison, and will not be ready for at least a couple of years to take up plans for the middle west.

We are unable at this time to give you the information as to costs, for which you ask.

Yours very truly,

W.S.M.

V.P.

Wm. H. STEWARTSON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FILLARD,  
TREASURER.

THURGOOD T. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

July 29, 1905.

IN RE Batteries:

My Dear Mr. Edison:-

Will you please arrange to ship us the <sup>storage</sup> batteries <sup>cells</sup> to be used in connection with the automobile lamp to lower down in the drill holes, at the Quarry, as per conversation with Mr. Mason a few days since.

We understand the cells are to be loaned and returned later on.

Yours very truly,

W.S.M.

Thos. A. Edison, Esq.,  
Orange, N. J.

WM. H. BISHAMBERGER,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRESIDENT.

W. H. DILLING,  
TREASURER.

THURMON I. CHASE,  
MANAGER.

THOMAS A. EDISON,  
GEN'L. MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

July 31, 1905.



IN 140 Plates:

Mr. Thos. A. Edison, G. M.,  
Edison Portland Cement Co.,  
Orange, N. J.

Dear Sir:-

You will find below a list of the thicknesses of the plates off of No. 1 Clinker Fine Grinder, No. 2 Clinker Fine Grinder and No. 2 Chalk Grinder when they were changed after being worn out.

You will note that there is a difference in thickness of about 1/16" in some cases; this is, no doubt, due to the difference in the quality of the iron in the plates. I do not think it would be advisable to attempt to change these plates before they are worn out, as the expense and delay of doing so is considerable.

You will note that the plates on No. 1 Clinker Fine Grinder do not show quite as much variation as on No. 2; No. 2 at times was pounding more than No. 1.

### CHALK GRINDER:

No. 2.	
3-24/64"	3-26/64"
3-26/64"	3-26/64"
3-24/64"	3-24/64"
3-27/64"	3-25/64"
3-25/64"	3-25/64"
3-24/64"	3-25/64"
3-25/64"	3-27/64"
3-24/64"	3-25/64"

### CLINKER GRINDER:

No. 1.		No. 2.	
3-22/64"	3-20/64"	3-26/64"	3-23/64"
3-22/64"	3-21/64"	3-24/64"	3-27/64"
3-21/64"	3-20/64"	3-23/64"	3-25/64"
3-20/64"	3-21/64"	3-24/64"	3-27/64"
3-20/64"	3-20/64"	3-25/64"	3-26/64"
3-22/64"	3-19/64"	3-27/64"	3-27/64"
3-20/64"	3-22/64"	3-23/64"	3-23/64"
3-22/64"	3-21/64"	3-26/64"	3-26/64"

These measurements were made after the plates were removed

and brought to the shop.  
W.H.M.

Yours very truly,

*W.H. Mason*

WM. H. HIGGINS, JR.,  
TREASURER.

W. H. MALLORY,  
VICE-PRESIDENT.

W. H. PIERCE,  
VICE-PRESIDENT.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
EDMUND MARRISON.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
July 31, 1905.



IN RE: Belts;

Mr. Thos. A. Edison, G. M.,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:-

In regard to the experiments for painting belts, we have the following to report from Mr. Savy's records:

May 14, 1905: Put B.S. on Con. 137; B.S. and linseed oil with sawdust, 95% B.S., 5% oil; put on with machine. May 15th space about 8" worn off in center of belt.

May 28, 1905: Put B.S. on Con. 137; 95% B.S., 5% oil; put on by hand and sawdust rubbed in. May 29th, streak in center worn off.

June 4, 1905: Put B.S. on Con. 130; 95% B.S., 5% oil; coarse sawdust June 6th streak off in center of belt.

June 4, 1905: Put B.S. and oil on Con. 131; coarse sawdust. June 6th, worn in center of belt.

June 4, 1905: Put B.S. on Con. 132; B.S., and oil, sawdust. June 6th, off in center of belt.

June 4, 1905: Put B.S. on Con. 137; B.S. and oil, coarse sawdust. June 5th, worn in center.

June 4, 1905: Put B.S. on Con. 138; B.S. and linseed oil and coarse sawdust. June 8th, off in center of belt, about 4" along edge left on.

Mr. T. A. E. .... 2. 7/31/05.

June 11, 1905: Put B.S. on Con. 130; put on B.S. and raw linseed oil on 1/2 of belt. June 14th, worn off in center of belt. Coarse sawdust.

June 11, 1905: Put B.S. on 1/2 of Con. 138 with B.S. and raw linseed oil. June 13th, worn off in center of belt.

June 15, 1905: Put 10 feet of B.S. on Con. 130 with 90% B.S. and 10% pitch with sawdust. June 18th, worn off in center.

June 15, 1905: Put B.S. on Con. 132 with B.S., 90% and 10% pitch with gypsum; lasted 7 days and worn off in center.

June 15, 1905: Put tar on Con. 130 for 10 feet with gypsum, no B.S. Lasted between 7 and 8 days; wore off 6-1/2" in center.

June 15, 1905: Tried to mix B.S. and tar; would not mix, foamed and ran over.

July 23, 1905: Painted Con. 110 with B.S. and pitch and gypsum. July 31st, pitted in middle.

July 23, 1905: Painted 1/2 of Con. 109 with B.S. and pitch with gypsum.. Partly worn off and pitted.

Yours very truly,

W.H.M.

The Edison Portland Cement Co.,

*W. H. Mason*

SUPERINTENDENT

P.S.,

None of these tests have been satisfactory so far. Except B.S. on #101 we did not keep a record of this but it lasted something like a month.

*W. H. M.*

WM. H. BURLINGTON,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FILLING,  
VICE-PRES.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. REEDIN,  
CHIEF MANAGER.

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
July 31, 1905.

TRADE MARK  
*Thomas A. Edison*

IN RE Kiln:

Dear Mr. Edison:-

Mr. Mason, Mr. Dinan and myself have been over the situation this morning carefully, and we have come to the following conclusion:

First: As the clinker Fine-Grinding Plant is now running, it just about takes care of the output of the kilns. We, however, are compelled to grind fresh clinker, as we do not get an opportunity to put in any of the seasoned clinker. This, Mr. Dinan states, in a large measure causes quick setting cement we are now making.

Second: We have, therefore, decided to discontinue operations of Kiln No. 1, operating the other three kilns and putting on a gang of men to wheel in as much as possible of the seasoned clinker. This, Mr. Dinan thinks will materially aid in making the cement slower setting, and we know from experience it will also materially aid us in the grinding.

Third: As soon as we can catch up on the grinding, and the temporary Stock House is ready, we can, of course, start up the fourth kiln.

This will also give us an opportunity to test the output of Roasters Nos. 3 and 4; we believe that we can get greater capacity out of them than we have thus been able to show.

Yours very truly,

W.S.M.

Mr. Thos. A. Edison,  
Orange, N. J.

*W. B. Mallory*

# ASSOCIATION OF PORTLAND CEMENT MANUFACTURERS.

CONFIDENTIAL REPORT OF OPERATIONS OF PLANTS DURING MAY AND JUNE, 1905.

DIST. 1. NEW JERSEY, PENNSYLVANIA . . . . . 247 KILNS. DIST. 4. ILLINOIS, KANSAS, MISSOURI . . . . . 68 KILNS  
 " 2. NEW YORK . . . . . 65 " " 5. OHIO, INDIANA, VIRGINIA, ALABAMA . . . . . 61  
 " 3. MICHIGAN . . . . . 61 " " 6. CALIFORNIA, SOUTH CAROLINA . . . . . 28 "

PLANT	KILNS OF CO'S REPORTED				KILNS RUNNING				STOCK OF CLINKER, BLS.				STOCK OF CEMENT, BLS.			
	May	June	May	June	May 20, '05	May 31, '05	June 20, '05	June 30, '05	May 20, '05	May 31, '05	June 20, '05	June 30, '05	May 20, '05	May 31, '05	June 20, '05	June 30, '05
1	247	247	219	234	240,300	237,300	169,700	2,377,600	1,481,600	1,481,600	1,481,600	1,481,600	1,481,600	1,481,600	1,481,600	1,481,600
2	65	65	65	65	68,800	37,800	39,800	300,100	309,400	309,400	309,400	309,400	309,400	309,400	309,400	309,400
3	61	61	57	62	39,700	79,000	90,900	142,100	150,600	150,600	150,600	150,600	150,600	150,600	150,600	150,600
4	66	66	66	64	77,000	68,300	91,400	354,900	602,700	602,700	602,700	602,700	602,700	602,700	602,700	602,700
5	61	61	74	75	35,900	49,100	55,000	253,100	324,900	324,900	324,900	324,900	324,900	324,900	324,900	324,900
6	25	26	21	22	45,600	4,800	13,000	79,800	123,900	123,900	123,900	123,900	123,900	123,900	123,900	123,900
	605	608	615	623	537,300	504,800	487,300	3,407,100	5,082,300	5,082,300	5,082,300	5,082,300	5,082,300	5,082,300	5,082,300	5,082,300

For Mr. Edison

JOHN M. GOODSELL, Stationer, 114 Liberty Street, New York, N. Y.

Wm. H. BUCHANAN,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FILLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

*Portland Cement*

## The Edison Portland Cement Co.

Telegraph and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.  
August 7, 1905.



IN THE Cement:

My Dear Gilmore:-

Referring to your telephone message of this morning,  
relative to some of our cement setting up slow, beg to ask that you will  
have someone get for me some of the tags which were on the bags, from  
which this cement was taken.

You will note that each tag has a number on it, by this  
means we are able to locate exactly from what shipments the cement  
was taken.

Yours very truly,

W.S.M.

Mr. W. E. Gilmore,  
Orange, N. J.

*Wm. Mallory*





WM. H. BOWLINGHOUSE  
PRESIDENT  
W. B. HALLIDAY  
VICE-PRESIDENT  
W. B. PALMER  
TREASURER  
THOMAS I. GRAY  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia, 9/29/05.

Mr. Thomas A. Edison,

Orange, N. J.

Dear Sir :

Your letter of September 25th was received during the absence of the writer.

We have always understood that the stock in question became the property of the Cement Co., and as such, we do not see how else it could be voted than by the Company itself, as directed by the Board of Directors. If it has no voting privilege at all, we might have difficulty in getting the necessary number of votes to hold an election. So far as we can see, there will not be very much of the stock available at any election, as most of it will be issued to you. Do you think that your objection is sufficiently urgent to necessitate taking up the whole matter afresh, as this form has already been agreed to by everybody interested. If you insist upon your point, it will mean further delay, which I think ought to be avoided. If you are willing to waive the point, please sign the agreement; if not, we shall have to take up the matter again from the start, with the necessary loss of time involved. We have no wish to unduly urge you in this matter, but think that you will agree with us that you are not taking much risk in signing the agreements as they stand.

Yours very truly,

W.S.P. ENCL.

*W. S. Palmer*  
Treasurer.

Wm. H. Shelmerdine  
PRESIDENT  
W. B. Mendenhall  
VICE-PRESIDENT  
W. S. Polans  
TREASURER  
Thomas L. Chase  
SECRETARY  
Thomas A. Enock  
CITY MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia, 10/2/105.

Mr. Thomas A. Edison,

Orange, N. J.

Dear Sir :

Mr. Shelmerdine called here today, and in talking about the new stock, he stated that he did not think it made any difference to the Company whether the stock was voted or not. If, therefore, you still feel that this stock should not vote, I shall be satisfied, in view of Mr. Shelmerdine's position, to have it omitted from the agreement, without reference again to the Board of Directors. Mr. Shelmerdine thinks that we ought to get out the new stock and cancel our old obligations, bringing everything up to today. He has handed us his check for \$10,000, and will take settlement on this basis.

Yours very truly,

*W. S. Polans*  
Treasurer.

W.S.P.

*Dyer fix up contract  
with Enock*  
E

Wm. H. Shelmerdine  
PRESIDENT  
W. B. Mallory  
VICE-PRES.  
W. B. Palmer  
TREASURER  
THOMAS A. EDISON  
SECRETARY  
THOMAS A. EDISON  
GEN'L. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia 10/16/1905.

*Answered  
Oct 16-1905*  
Mr. Thomas A. Edison,

Orange, N. J.

Dear Sir :

Referring to recent correspondence and agreements, we beg herewith to enclose certificate for 20,000 shares common stock of The Edison Portland Cement Co., registered in your name and prepared for endorsement by you for transfer to the Commonwealth Title Insurance & Trust Co., Trustees. As soon as you endorse this certificate, duly witnessed, we will hand it to the Trust Company and have them execute the agreements which have been executed by you in duplicate, and will then return to you one of these copies with the signature of the Trust Co.

If you will have Mr. Randolph send us statements covering amounts due you and your Companies, calculated to October 2nd, we will have certificates of preferred stock made out in full settlement to that date, each share of preferred stock to be accompanied by two shares of common. Mr. Shelmerdine has suggested the date above mentioned as being satisfactory to him, and no doubt it will be to you.

*OK'd*  
Yours very truly,

W.S.P.

ENCL.

*M. J. P. Kelly*  
Treasurer.

Oct. 18, 1905.

Mr. Edison:

Dinan just returned says cement shipped Lake Shore Depot was made quicker set by adding less gypsum so would work better in cold weather. Lake Shore Laboratory Custer made no allowance for difference in temperature of water, has agreed to retest, using cold water and if it get satisfactory results will use cement which he condemns. Should <sup>know</sup> results retest tomorrow. Dinan also reports railroad contractors using hot water to mix cement. Custer says if retests are satisfactory will advise contractors use of cold water to mix concrete. Dinan thinks matter will come out all right.

Mallory.

Telephone Message.

Nov. 4, 1905.

Mr. Edison.

Circumference of Spacing Rolls on Clinker grinders #2  
& 3 and Chalk Grinder #2.

Clinker grinder #2.

Fixed spacing rolls,	front	7'3,7/8"	rear	7'3,7/8"
Intermediate "	"	" 7'4"	"	7'3,5/8"
Right	"	" 7'3,1/2"	"	7'3,11/16"

Clinker grinder #3.

Fixed spacing rolls	"	7'4"	"	7'4,1/8"
Intermediate "	"	" 7'4,1/8"	"	7'4,1/8"
Right	"	" 7'3,3/4"	"	7'3,7/8"

Chalk Grinder #2.

Fixed Spacing	"	" 7'4"	"	7'4"
Intermediate "	"	" 7'3,15/16"	"	7'3,7/8"
Right	"	" 7'4"	"	7'3,7/8"

Jayne.

[FROM EDGAR S. OPDYKE]

Wm. H. BUSHNELL,  
PRESIDENT.

W. M. MALLORY,  
VICE-PRES.

W. M. FULLER,  
TREASURER.

THOMAS L. CHANN,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J.

Nov. 7, 1905.

IN RE: Rolls:

Mr. Thomas A. Edison, G. M.,  
Orange, N.J.

*g. vs to Harker*

Dear Sir :-

The wearing of intermediate spacing rolls ~~off~~ of  
Clinker Grinder #3 is as follows:

8" face steel spacing roll, ran 990 Hrs., wearing  
off in circumference -  $1\frac{3}{16}$ "

10" face chilled spacing roll, ran 2317 hrs., wearing  
off in circumference  $3\frac{1}{16}$ ".

The above figures were given by Maurice Jayne.

Yours very truly,

E.S.O.

Edison Portland Cement Co.

*Ed. trying to phone his information  
but could not get anyone.*

WM. H. HERRINGHOUSE,  
FOREMAN.

W. M. MALLORY,  
VULCANIZER.

W. M. FILLARD,  
VULCANIZER.

THOMAS L. COANE,  
SECRETARY.

THOMAS A. EDISON,  
PRES. MANAGER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Loss:

P. O. Address, STEWARTSVILLE, N. J.  
Nov. 20, 1905.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

Dear Sir:-

Confirming request of Mr. Mallory, I have gotten up a report of the losses incurred on the three clinker grinders and the two chalk grinders since we started operating this year up to the 15th of November or thereabouts, and am enclosing you same under separate cover.

The report consists of a day to day loss on each grinder as shown in our day log and the other reports is a more congested one, taken from our weekly trial balance showing the amount of time lost on one special part of parts of a roll.

Mr. Mallory has also requested me to send you the Foremen's orders issued for repairs to the rolls since we commenced operating in May and I have enclosed these along with above mentioned report.

As it is essential that we keep these orders filed for record, ~~we~~ we would be very much obliged if they are returned to us as soon as you are through with them.

<sup>the</sup> Trusting report will prove interesting to you, I am,

Yours very truly,

A.H.M.

*A.H.M.*

ost  
C.

WM. H. FORBES, JR.,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. H. FULMER,  
TREASURER.

THOMAS E. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
MEM. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE Kiln Patent:

P. O. Address, STEWARTSVILLE, N. J. 12/1/05.

Mr. J. F. Randolph,

Edison Laboratory,

Orange, N. J.

Dear Sir:

When Mr. Edison is finished with them, will you kindly send me from time to time, all clippings which you received relative to the Kiln Patent; I will return them to you after noting.

Yours very truly,

W.S.N.-RH

*Wm. S. N.*  
V.P.



Wm. H. PRUDENSHAW,  
PRESIDENT.

W. M. MALLORY,  
VICE-PRESIDENT.

W. R. FILLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE Indicator Cards: *NW*

P. O. Address, STEWARTSVILLE, N. J. 12/3/05.

Mr. Thomas A. Edison,  
Orange, N. J.

My dear Mr. Edison:

I have arranged to have the indicator cards taken  
once a week on our engines and will send results to you weekly.

As to the clinker engine in which the cylinder has been  
marred, would state that I was not ~~convinced~~ <sup>sure</sup> when you asked me  
whether it was the high or low cylinder, my impression being that it  
was the high; I find this to be the case, and Mr. Mason tells me that  
scant 1/16" (1/32" on a side) would put the cylinder in good shape  
again. There are no long grooves, the defect being a number of pit  
marks where one of the rings broke.

Yours very truly,

W.S.M.-E.H.

*Wm. Mallory*  
V. P.

# Confirmation of Telegram.

Orange, N. J. Dec. 8, 1905.

Received by Edison Portland Cement Co. { Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.

Where is Mandril pattern for grinding rolls? Find it.  
Edison.

Sent by Edison Portland Cement Co.

# Confirmation of Telegram.

Orange, N. J., Dec. 9, 1905.

Received by Edison Portland Cement Co. { Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.

W. H. Mason.

We have four hundred bolts to make for new rolls.  
Don't see how can spare turret lathes.

Sent by Edison Portland Cement Co.

Edison.

## Confirmation of Telegram.

Stewartsville, N. J. Dec. 9, 1905.

Received by Edison Portland Cement Co. {

Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartsville, N. J.

Sent by Edison Portland Cement Co.

T. A. Edison,  
Orange, N. J.

Sessions Edry. Co. has Mandril pattern for  
grinding rolls.  
The E. P. C. Co.

12

[FROM HENRY P. BROWN? (PHOTOCOPY)]

December 11th, 1905.

Mr. Theron I. Crane,  
Secretary,  
The Edison Portland Cement Co.

Dear Sir:--

I have yours of the 6th, inst., enclosing the letter of Mr. Edison of the 22nd, ult., and a copy of the agreement between him and your Company dated June 9th, 1899.

You ask my opinion as follows:--  
'What portion of the expense of litigation Mr. Edison should be called upon to pay in suits for infringements, and: 'What royalty Mr. Edison would be entitled to receive under the contract, from licenses to other Cement manufacturers, working under the Edison patents?'

With reference to the question of expense of litigation the contract provides as follows:--

"And the said party of the first part further agrees that he will defend the said Company, its successors or assigns, against any and all suits or actions arising from any alleged infringement of said patents; provided that the said party of the second part will bear one-third of the expenses of any litigation with reference to said patents as aforesaid affecting the said Company.

And the said party of the second part agrees to bear one-third of the expenses of any litigation as to patents as aforesaid affecting

[PHOTOCOPY]

the said Company; it being understood and agreed, however, that should the said party or the first part decline or refuse to defend any and all actions as aforesaid, then the said party of the second part may do so and charge said party of the first part with two-thirds of the expenses thereof, and retain said amount out of the royalty due or to become due to said party of the first part. It is further understood and agreed that the party of the second part shall not contest the validity of any of said patents, or applications for patents."

In my opinion, the proper interpretation of the foregoing clauses is, that all litigation relating to the patents is to be paid for, two-thirds by Mr. Edison and one-third by the Company. This would include suits to be brought against strangers, for infringement of the patents in question.

The provisions of the contract relating to royalties to be paid to Mr. Edison from licenses to other manufacturers, is as follows:

"And it is further understood and agreed that if the said Company shall grant any rights to manufacture under said Edison patents to other persons, firms, companies or corporations, in all such cases the said party of the first part shall receive from said party of the second part the same amount of royalty per every 400 pounds as if such cement were manufactured by said party of the second part."

The prior provisions of the contract, clearly express the amounts of royalties to be paid to Mr. Edison on cement manufactured by the Company.

(PHOTOCOPY)

--3--

It would seem that the intent of the clause quoted, was to give the same royalty, on cement manufactured by others.

Whether or not this is practicable, I am unable to say.

If it is, that is the basis for payment. It would necessitate an agreement with licensees, which would require them to pay the same royalties, based upon cost of production and the selling price of cement. This would be attended with much difficulty. In my opinion, it would be better to change the agreement and agree that Mr. Edison shall receive a certain percentage of royalties received.

Very truly yours,

Wm. H. STEWARTSON  
PRESIDENT  
W. B. MALLORY  
VICE-PRES.  
W. B. FILLING  
TREASURER  
THOMAS A. GIBBS  
SECRETARY  
THOMAS A. GIBBS  
GENL. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia, 12/13/1905.

DEC 14 AM 11

Mr. Thomas A. Edison,  
Orange, New Jersey.

Dear Sir :

Mr. Mallory has probably reported to you the very great amount of trouble we are having with the cement, especially in the West. Nearly 200,000 barrels are in jeopardy of cancellation, besides the ruin of the reputation of the brand. <sup>It is very</sup> evident that something very serious has taken place in changing the quality of the cement. Many of the cars rejected have been shipped nearly four weeks, so that the trouble cannot be charged to greenness. It looks to the writer as though the case is beyond the people at the Works, as Mr. Mallory told me yesterday that they are entirely at sea.

Would it not be possible for you to go down to the Works for a day or two, as with your insight into matters, you might at once detect the cause of the trouble. It looks to us as though the labors of years is about to be undone, as the complaints are general among the various contractors along the Lake Shore Road. Our western people are almost desperate over the situation.

We have sent a full copy of the correspondence to Stewartsville, but we should feel very much more comfortable if we knew that you were personally searching for the trouble, thus

*Piffing - The Cement is all right but the trouble arises from slow setting down to colder weather & dropping from 85 to 52 1/2 - I have told them to go to 85 per cent & to not burn their clinkers so hard so they will be more fines which makes rapid set. I have explained the situation to the works & I guess they have got it straight through their heads or will before I get through.*

Mr. Thomas A. Edison - 2

probably saving much time. We are not referring to the complaints which Mr. Dinan went to investigate. The troubles we are now having are far more serious and of much greater importance, and we feel that your personal investigation might clear up the matter and save us thousands of dollars and months of time. It is a grave matter to have the reputation of the cement suffering, as is now the case among the large Railroad Contractors in western Pennsylvania.

Yours very truly,

*W. S. P.*  
Treasurer.

W.S.P.



WM. H. PIERCEBONE,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. H. TILLING,  
TREASURER.

THOMAS L. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Bearings:

P. O. Address, STEWARTSVILLE, N. J.  
Dec. 14, 1905.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

Dear Sir:-

Mr. Mallory has spoken to me about adjusting the bearings on the jack shaft of the spring roll. I told him that I had already taken this matter up with Mr. Herter, by 'phone day before yesterday, and suggested that he put on the girders a pillow block similar to the one we use on the 10" line shaft which allows for adjustment in all directions, and so far has been entirely satisfactory.

I sent Mr. Herter a blue-print of this, which he no doubt has received.

Yours very truly,

WMH-CRM

*Wm. H. Tilling* Supt.

*Ans Mrs. Randolph*

12/15/05.

Mr. W. S. Pilling, Treasurer,  
Girard Trust Building,  
Philadelphia, Pa.

Dear Sir:

I wish to confirm statement made to you at the Cement Manufacturers meeting relative to statistics showing the amount of building permits, also the production and importations of Portland Cement.

The figures as to the total amount of building permits issued are taken from the published reports covering 22 of the largest cities in the East and Middle West.

Total amount of permits issued:

1901,	\$285,000,000.00
1902,	284,000,000.00
1903,	278,000,000.00
1904,	319,000,000.00
1905, ( <i>December estimated</i> )	490,000,000.00

The output of American Portland Cement, together with the importations for same period was:

1901,	13,600,000 bbls.,
1902,	18,900,000 bbls.,
1903,	23,200,000 bbls.,
1904,	27,500,000 bbls.,
1905, ( <i>December estimated</i> )	31,000,000 bbls.

W.S.P.--2--

*Schuyler Valley mill* 12/15/05.

~~In 1906~~, the average selling price for the same periods was  
as follows:

1901,	\$1.22-1/2,
1902,	1.50,
1903,	1.24,
1904,	.70,
1905,	.80.

Comparing the conditions of today with those of 1902, when the selling price was \$1.50 per barrel, we find that the amount of the building permits issued in 1902 ~~were~~ 284,000,000; in 1905, 490,000,000, or an increase of 70%. We also find that the output and importation in 1902 was 18,900,000 barrels, and in 1905, 31,000,000, or an increase over 1902 of about 64%. This condition would indicate materially higher prices for 1906.

I send you this as a matter of record.

Yours very truly,

W.S.M.-E.H.

V.P.

WM. H. PROGRESSIVE,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRESIDENT.

W. R. FULLER,  
TREASURER.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN THE Experiment:

P. O. Address, STEWARTSVILLE, N. J. 12/14/05.

Mr. THOMAS A. Edison,  
Orange, N. J.

Dear Sir:

Early in November, you asked us to take a wire rope which had been spliced, put it in a barrel filled with mill oil and let it soak for about a week, then see whether we can get any more life out of it; I would report that test had been made and the rope ran 56 hours and 29 minutes, which does not show any material increase over ropes which have not been treated.

Yours very truly,

W.S.M.-B.H.

*Wm. A. Edison* V. P.

*W.H.*

Cement:

Mr. W. S. Pilling, Treasurer,  
Girard Trust Building,  
Philadelphia, Pa.

12/18/05.

*sent to  
Mr. Edison  
W. S. Pilling*

Dear Sir:

Mr. Dinan has returned, and has given me the following verbal report:

He states that he saw Mr. Bissell, whom he informed that the cement which we had shipped had a lower percentage of gypsum than that which had been shipped him earlier in the season, the percentage of gypsum being lowered so to make the cement quicker setting in the field.

Mr. Bissell states that the rejections had been made entirely upon the report of their chemist at Cleveland, and that if Mr. Dinan was able to convince the chemist that his statement was correct, that Mr. Bissell would have no objections to using the cement now on hand. Mr. Dinan then went to Cleveland and found that the chemist had tested the cement, making no allowance for the difference in temperature, and after going into the matter thoroughly, he agreed that he would take his samples, have them brought down to atmospheric temperature, test them with cold water, and if the results were as Mr. Dinan stated, that he would take the matter up with Mr. Bissell, and it could probably be arranged so that the cement they now have on hand could be used.

Mr. Dinan also found that the contractors were mixing the cement with hot water.

The Cleveland chemist stated that if he found the results to be

W.S.P.--2--

12/18/05.

as stated by Mr. Dinan, that he would recommend that the contractors use cold water. Mr. Dinan states that if this was done, he believes there will be no trouble in using the cement, which, as we have written you before, is perfectly sound, and should work all right if used with cold water.

Mr. Dinan also states that this season of the year is always an annoying one to most of the cement companies, owing to the changeable weather, and that when steady cold weather sets in there was never as much trouble as at the change of seasons.

We will report to you later this afternoon, or early tomorrow morning, just what we will be able to do in the way of shipments on the Lake Shore contracts.

Yours very truly,

W.S.M.-E.H.

V. P.

*O.S. in effect to resume shipments  
to Lake Shore people on Wednesday and  
have so notified Mr. Kutt*

WM. H. PIERCEBROOK,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. DILLING,  
TREASURER.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF, MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Feed Roll:

P. O. Address, STEWARTSVILLE, N. J. 12/18/05.

Mr. Thomas A. Edison, G. M.,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:

In regard to the over-running of feed roll, fine grinder, this was incorrectly stated; the trouble was caused by sides and back of hopper over feed roll being worn, so when feed roll stopped, the fine clinker ran out slowly, like an hour glass. Have had it repaired two or three times since last April, also a few days ago when we put new belt on conveyor #130.

Yours very truly,

M.S.B.-J.H.

*W. H. Mason*  
Supt.

WM. H. MULLINGS,  
Treasurer.

W. H. MALLORY,  
Vice-President.

W. H. TULLING,  
Treasurer.

THOMAS L. CLARK,  
Secretary.

THOMAS A. EDISON,  
Gen'l. Manager.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE Clinker.

P. O. Address, STEWARTSVILLE, N. J.

Dec. 18, 1905.

Mr. J. F. Randolph,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:--

I have just given your stenographer the following  
'phone message; to be handed Mr. Edison:

"Clinker from kilns 1, 2 and 4 all somewhat better yesterday than on Saturday, but still room for improvement. Mason, Percy, Dinan and I expect to see you at Orange tomorrow afternoon.

No report yet from Dinan about Lake Shore shipments. Expect him home this afternoon."

We now beg to confirm the above.

Yours very truly,

ESB-PH

*W. H. Mallory*  
V. P.



*P. F. Hackenthal, Jr., President*

*James H. Hodner, Secy & Treas*

*Answered  
Dec. 23, 1905* **THE THOMAS IRON COMPANY.**

MANUFACTURERS OF

FOUNDRY, FORCE, BESSEMER AND OPEN-HEARTH BASIC PIG IRON.

HOKENDAUQUA FURNACES...HOKENDAUQUA, PA.  
REVISTONE FURNACES...ISLAND PARK, PA.  
LOCK RIDGE FURNACES...ALBURTIS, PA.  
SAUGH FURNACES...HELLERTOWN, PA.

*Easton, Pa.* December 21, 1905.

My dear Mr. Edison:

Referring to my letter of December 4th, I have placed myself in communication with Thomas Branch, the Cornish miner about whom I wrote you. He is now living at Beverly, N.J., and tells me that he would be very glad to go to Canada, if he could get a proper offer in the way of salary. I am, therefore, prepared to recommend this man in every way, as being competent, faithful, honest, and intelligent, and I believe you would make no mistake to employ him in the position to which you have called my attention.

He has left me under the impression, however, that he would not take a position in Canada at less than \$125 per month, although a firm offer of less salary may appeal to him.

I have promised him that I would write to you, and in due time advise him of the result.

Yours truly,

*P. F. Hackenthal, Jr.*

President.

To, Mr. Thomas A. Edison,

Orange, N. J.

Thos Branch

*Beverly N.J.*

*I am in want of a mine supt  
& understand if you are open for a  
position I will pay your fare & expenses  
to & from the laboratory if you will  
come and see me about it*

Wm. H. BISHOPBURN,  
TREASURER.

W. B. MALLORY,  
VICE-PRES.

W. B. FULLER,  
MANAGER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON  
GEN'L. MANAGER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN 345 Packing Chamber:

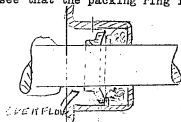
P. O. Address, STEWARTSVILLE, N. J. 12/21/05.

Mr. Thomas A. Edison, G. M.,  
Orange, N.J.

*Given to Harder*

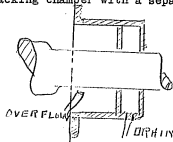
Dear Sir:

In looking at the drawings for the spring roll last night, I see that the packing ring is made something like sketch:



It occurs to me that we may have trouble with this, on account of the oil standing up in the packing wool so high.

Our experience has been that when the oil gets in the wool and can't drain away, the wool loses its elasticity and falls away from shaft, and on account of the oil standing so near shaft in packing chambers, I am afraid it would be very liable to leak out, due to little pieces of wool that act as wipers. It seems to me that we should have the independent packing chamber with a separate drain hole like sketch:



the shaft rubbing against the wool.

It also seems that we may have trouble with the collar which is clamped on shaft and rubs on packing. The speed is pretty high, 800 to 900 feet per minute. With the double packing chamber, there would be only

Yours very truly,

*W. A. Mason*

E.S.B.-E.H.

Supt.

W. H. BUSHNELL,  
PRESIDENT.

W. B. MALLORY,  
VICE-PRES.

W. B. FULLERTON,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Rolls:

P. O. Address, STEWARTSVILLE, N. J. 12/22/05.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

Dear Sir:

We received today from Mr. Herter some blue prints of the spring rolls, and in looking over them, I would like to call your attention to the following:

The bore of the bearing is called for .012" larger than the shaft. It seems to me that this is rather close for such a large bearing, as it is almost impossible to set them exact. On the giant roll bearings we had 1/16" clearance and they work quite satisfactorily. On the No. 3 clinker roll, which was built last year, the bearing was bored .012" larger, and you will probably remember we had to pull them all apart and bore the bearings until they were about 1/32" large.

We also notice that the babbitt in the bearing is called for as 3/8" thick. I think this should not be less than 5/8" thick, as it costs no more except first cost, and we frequently run our grinder bearings after they are worn down more than 1/4". With only 3/8" thick babbitt the bushings have to be changed more often and you run the risk of having the shaft get up against the cast iron and cut it.

*to make*  
The bosses for bolts on the girders and bed plates do not call for finished. We have found that it is necessary to finish these in order to keep the bolts tight and have had to do it by ratchet after they were in place. This, of course, is quite expensive, and should be done on the drill press while girder is being machined.

T. A. E. --2--

12/22/05.

We also notice that the press fit of the mandrel on the shaft  
is .031" and in our opinion this is toomuch and should not be more than  
.010" or .011". Mr. Bachman has had this experience and will, no doubt,  
tell you the proper amount to allow for pressing.

We will look over these drawings again and will suggest any-  
thing that we think should be changed.

Yours very truly,

*W.H.Mason*

W.H.M.-E.H.

Supt.

WAS II. HARRINGTON,  
PRESIDENT.

W. R. MALLORY,  
TREASURER.

W. R. FILLING,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Rolls:

P. O. Address, STEWARTSVILLE, N. J. 12/22/05.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

*Ames*

Dear Sir:

In regard to spring rolls which we started up last Tuesday at noon, would say that we had no trouble with them except the excessive vibration, until Wednesday afternoon. Then I put the pressure up in endeavoring to cut down the vibration. About three hours later, the fixed roll bearing rear side was very warm, so we reduced the pressure, running the rolls all night, although they continued to be warm, so I had them uncoupled and we examined the bearings and found that the bearing which had been running hot had melted out a part of the babbitt. As both of the bearings on the fixed roll shaft were quite badly worn from using grease, have decided to take them both out and put in new bushings and start up again. We are at this now, and expect to be started by the first of the week.

The pressure between the bearings was 42,000 when we had the hot bearing, (this pressure is figured from the statement made by the spring makers, of the amount it would take to compress the springs 3") it had been running all night with about 30,000 pounds without any trouble. *Each Spring gives 3500# per inch compression.*

You probably remember that the foundation wall on No. clinker grinder has always been loose, that is, the wall itself is solid, but it vibrated from its base. This foundation, when we had the <sup>lighter</sup> pressure on was vibrating very badly. We can not see that it would do any particu-

Mr. T. A. E. --2--

12/22/05.

lar damage, except that it may eventually get so loose that we may have to put in additional concrete to back it up.

I will keep you advised in regard to this roll, and this time in starting up will not put on the pressure until the bearings have gotten into better shape. When we start up again, I am going to put blocks between the housing so the spacing rolls will not touch and try one or two schemes for starting them without using the sprocket chain or spacing roll. Of course, we want the sprocket chain on the spring roll which you are building, but if we find later on that we can do without it, it will be quite an advantage.

None of our bearings showed any special heat when running at the pressure that we did and I feel sure that when we get these properly in shape that we will have no trouble.

You probably know that we have left the spacing rolls on in order to start the rolls, and of course, this will take us much longer to change the bushings than it would otherwise.

Yours very truly,

W.H.M.-E.H.

*W.H.M.* Supt.

WM. H. PHELPS-DODGE,  
PRESIDENT.

W. M. MALLORY,  
VICE-PRESIDENT.

W. M. TILDEN,  
TREASURER.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MANAGER.

TRADE MARK  
*Thomas A. Edison*

## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

P. O. Address, STEWARTSVILLE, N. J. 12/26/05.

IN THE Rolls:

Mr. Thomas A. Edison,

Edison Laboratory,

Orange, N. J.

My dear Mr. Edison:

*Telephone  
reply Dec. 27/05  
Jars*

We do not seem to be able to keep more than two clinker fine grinding rolls in operation, and the clinker fine grinding plant is steadily running down, and I believe to get anything like a fair output at all, <sup>under</sup> we get in the new spring rolls, it will pay us ~~more~~ to put in a repair foreman with a gang of men at the clinker fine grinding plant, whose duty it is to keep up repairs at that plant first, and depend upon the general repair gang to look after the work in the rest of the mill. In case there is no work for the clinker fine grinding repair gang, the foreman and his men could be used at other places.

By having a gang with a foreman and five machinists and five helpers, the cost will be about \$30.00 per day, and we would only have to increase the output about ~~5000~~ <sup>4000</sup> per day to get this additional cost back, ~~as~~ we have plenty of capacity in all the other plants to more than make the material which the clinker fine grinding plant can take care of: -

I recently had a letter from Mr. Geo. Badger, who was with us at Edison, and while I know that he had some failings, he was a good deal of a hustler, and perhaps might make a good man for this particular work. He is now with the Robins Conveyor Belting Company, and is not satisfied, and is very anxious to make a change. We have no one here at present whom I think would be capable of ~~well~~ filling this new position, <sup>well</sup> but before

Mr. T. A. E. --2--

12/26/05.

*Have no objections  
Badger - E*

seriously considering Badger, I would like to have your judgment in the matter. Will you, therefore, please telephone me whether you would be willing to have me take the matter up with him?

Badger, you will no doubt remember, was a hard worker, and if not given too much to do, would probably hold his end up better than some of the other men we now have doing similar work.

Yours very truly,

W.S.M.-E.H.

*W.S.M.*

V. P.

Now that I see the results of some of the work done by other men - I have a higher opinion of our old Edison men <sup>about</sup> the best men we have here come from Edison - Sany - Jayne - O'Brien



Wm. H. HENDERSON,  
PRESIDENT.

W. R. MALLORY,  
VICE-PRES.

W. R. FILLION,  
TREASURER.

THOMAS J. CHASE,  
SECRETARY.

THOMAS A. EDISON  
GENL. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Coal

P. O. Address, STEWARTSVILLE, N. J. 12/26/05.

Mr. Thomas A. Edison,  
Edison Laboratory,  
Orange, N. J.

My dear Mr. Edison:

We closed our kilns down for Sunday and Monday, and when we came to start up this morning we found that some one had connected up the steam pipe leading to the fine coal bin and turned the steam on so that all the fine coal which was stored is wet with moisture.

It looks now as if we would have to dig the entire bin out. This is the second time that this matter has happened, and it has undoubtedly been maliciously done. I am taking steps to see what can be done towards locating the person who did this, but know it is a difficult matter to run down. Our kilns, therefore, will not run <sup>to day</sup> and we hope to get them started up tonight or tomorrow.

We have taken a large portion of the yard and packing gang and will get the wet coal out the quickest possible moment.

Yours very truly,

W.S.M.-E.H.

*Wm. H. Henderson*  
V. P.

## Confirmation of Telegram.

**Received by Edison Portland Cement Co.**

*Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.*

**Sent by Edison Portland Cement Co.**

New Village, N. J. Dec. 27, 1905.

Mr. Thomas A. Edison,  
Orange, N. J.

order it?      Microscope for Percy did not arrive.      Did you  
W. S. Mallory.

## Confirmation of Telegram.

Orange, N. J. Dec. 27, 1905.

**Received by Edison Portland Cement Co.**

*Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.*

W. S. Mallory.

Rush babbitt ordered. It is delaying rolls. Don't wait  
for that at Edison.

Edison.

**Sent by Edison Portland Cement Co.**

## Confirmation of Telegram.

Received by Edison Portland Cement Co. {

Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.

Sent by Edison Portland Cement Co.

New Village, N. J. Dec. 27, 1905.

T. A. Edison,  
Orange, N. J.

Will ship hard babbitt tomorrow from here which  
come from Edison.

E. P. C. Co.

## Confirmation of Telegram.

Orange, N. J. Dec. 27, 1905.

Received by Edison Portland Cement Co. {

Passenger and Telegraph Station: New Village, N. J.  
Post Office: Stewartville, N. J.

W. S. Mallory.

Have ordered one. Ought to be there soon.

Edison.

Sent by Edison Portland Cement Co.

Wm. H. MULLAPPOD,  
PRESIDENT.

W. H. MALLORY,  
VICE-PRES.

W. M. PULLEN,  
TREASURER.

THEODORE J. CHASE,  
SECRETARY.

THOMAS A. EDISON,  
CHIEF MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Babbitt:

P. O. Address, STEWARTSVILLE, N. J. 12/27/05.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

*Heater Explain*

Dear Sir:-

Replying to your letter of December 23rd, I would say that I did not think increasing the thickness of the babbitt would effect the oil lubrication, of course, if it cuts out the oil lubrication, it would not pay us to do it.

In regard to the bosses on the girders being finished, I have just been looking at drawing B-2299, and can not find finish marks on any of the bosses.

I also note that the girder shown on this drawing calls for the holes in its feet to be drilled and reamed in place. It seems to me that this might be done in the machine shop, then these holes would act as templates for the holes in the base plate which we drill in the field. This is simply a suggestion to facilitate erection.

I think you are quite right about the bearings on the spring roll we have in operation being out of line as I found after shutting it down that it was so. The coupling bolts had worn oblong holes in the coupling. We have this roll in operation now with a compression of 2" in the springs and the vibration is very much less than it was last week. None of the bearings show any signs of heat, although this has been running over 24 hours, and two of the bearings are new.

Yours very truly,

WHL-CRM

*W. H. M. Pullen*  
Supt.

Wm. H. MILLER, JR.,  
PRESIDENT

W. H. MALLORY,  
VICE-PRESIDENT

W. H. FILLING,  
TREASURER

THEODORE I. CHASE,  
MANAGER

THOMAS A. EDISON  
SOUTH BRANFORD



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN RE: Rolls;

P. O. Address, STEWARTSVILLE, N. J.

Dec. 28, 1905.

Mr. Thomas A. Edison, G. M.,  
Orange, N. J.

Dear Sir:-

We have gone over the roll drawings and want to call your attention to the following suggestions:

No. 1: We note that all tapped holes for oil pipes are counter-bored. We have found that this is unsatisfactory as the counter-bore gets full of grit, which gets into the bearings when the nipple or plug is removed. We would suggest that all of these be faced off flush.

No. 2: We note that the fixed roll bearings are only held in place with 4 - 2" dowel pins. These dowels are larger than those we have on the lower 36" Crusher Rolls, and may be all right, but we have had a great deal of trouble with those on the Crusher Rolls, and I would suggest a key across the girder either under the housings or towards the end of it away from the roll. I am afraid that the shocks will loosen the dowels and then they wear oblong holes. This has been our experience on the lower 36" Crusher Rolls. You probably remember that we had a great deal of trouble with the rope rolls in keeping the fixed roll solid, and found it necessary to key them.

No. 3: The inside rim of drive pulley should be finished on each edge, parallel to face, that is where the

*Heiler*  
*See me a bench*

T. A. E....2. 12/28/05.

nuts of the lag bolts bear, so they will get a fair bearing. The drawing shows a taper at this point.

No. 4: We note that on the shaft drawing all corners on the shaft are left square. We think this a mistake and think that they should have a good fillet for all collar grooves and packing collar tongue. Of course the drawing for collars, etc., would have to be changed to suit. This is shown on B-2293.

No. 5: Blue-print B-2291, shows a taper key in the mandril. This key in our present mandrills is straight from the surface of the mandril up, and the mandrills we are making should be duplicates, so plates would be interchangeable. This is not very clear on the drawing and may have been drawn to show the keys straight; however it looks to us as if it was taper.

No. 6: Drawing B2294 calls for reamed holes in the bearings. There seems to be no necessity for this as the holes in the wedges and in the girder are cored and the adjusting screws in the end are supposed to make all adjustments. The I bolt for lifting the cap, we think should be at least 1" and of standard thread, instead of 1/2" and 12 threads. The bore should be 20 to 30/1000 of an inch large. I also think it would be an advantage to have oil grooves in the cap.

No. 7: Blue-print B-2304, I think I bolts should be at least 1".

No. 8: Blue-print B-2302, would suggest reaming 2" holes in the field.

T. A. E....3. 12/28/05.

No. 9: Blue-print B-2304, we think the oil pipe should be drilled through, so that it will feed the top of the collar on the shaft as well as the two grooves in the shaft.

No. 10: Blue-print B-2292, we would suggest planing a slot through the end of coupling and using a square washer, which would act as a key and washer also. This would take all the shearing strain off of the coupling bolts and prevent holes from wearing oblong. The coupling bolts would be left loose fit in the coupling if this were done, therefore it would be easier to couple up and uncouple rolls. We are enclosing herewith a small sketch to show our ideas regarding this.

I have put another 1/2" pressure on the springs of No. 1 Clinker Grinder rolls, and they are running fine. The vibration not serious and bearings not heating at all.

Yours very truly,

WHE-CEM

*W. H. Mason*  
Supt.

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PRESIDENT.

W. G. MARRITT,  
VICE-PRES.

W. H. TULLING,  
VICE-PRES.

THOMAS I. CHASE,  
SECRETARY.

THOMAS A. EDISON  
GEN'L. MANAGER.



## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

IN THE Clinker.

P. O. Address, STEWARTSVILLE, N. J.

Dec. 29, 1905.

Mr. J. F. Randolph,  
Edison Laboratory,  
Orange, N. J.

Dear Sir:--

We have just given you the following telephone message  
for Mr. Edison:

"Output for kilns yesterday 3265 barrels. Quality of clinker  
excellent. Very considerable improvement over what we have hereto-  
fore made. Not necessary for you to come up now", which we now beg  
to confirm.

Yours very truly,

BSB-PH

V. P.



WM. M. BUELLMANN  
PRESIDENT  
W. B. HALLIDAY  
VICE-PRESIDENT  
W. B. FALLEN  
TREASURER  
THOMAS J. CRAW  
SECRETARY  
THOMAS A. EDISON  
DEPT. MANAGER

## The Edison Portland Cement Co.

Girard Trust Building,

Philadelphia, 12/29/05.

Mr. Thomas A. Edison,

Orange, New Jersey.

Dear Sir :

We herewith enclose copy of letter from Henry P. Brown, Esq., Counsel of the Company, in reference to cost of litigation, patents, and interpretation of original contract with you in reference to royalties on machinery. This letter was presented at the meeting of the Board of Directors yesterday, and was, on motion, accepted and ordered placed upon file, and I was directed to send you a copy of it.

Yours very truly,

*W. B. F. Allen*  
Treasurer.

W.S.P.

ENCL.

W. H. PERKINS,  
TREASURER.

W. B. MALLORY,  
VICE-PRES.

W. H. PIERCE,  
VICE-PRES.

THOMAS J. CRANE,  
SECRETARY.

THOMAS A. EDISON,  
GEN'L. MGR.

THOMAS A. EDISON  
THOMAS A. EDISON

## The Edison Portland Cement Co.

Telegraph, Freight and Passenger Station, NEW VILLAGE, N. J.

In replying refer to No.

IN 100 FINANCIAL:

P. O. Address, STEWARTSVILLE, N. J.

Dec. 29, 1908.

Mr. W. C. Pilling, Treas.,

Girard Trust Building,

Philadelphia, Pa.

*For Mr. Edison*

Dear Sir:-

Your statements at Directors' meeting yesterday as to finances were, in my judgment, unfair and incomplete.

According to the contract between Pilling & Crane and the Cement Company, the latter is to receive Pilling & Crane's paper up to 90% of total amount of shipments including packages; trial balance of Dec. 1, 1908 shows "ledger accounts due us \$161,777.10", consequently the Company is entitled to receive \$145,600.00 of paper; or over \$40,000.00 more than the Company has received.

You stated yesterday, that the Company had about \$100,000.00 of Pilling & Crane paper, but you neglected to state that \$20,000.00 of this amount, which had been discounted in Girard National Bank you had to pay up unexpectedly, which had reduced cash in hand by that amount; you also neglected to state that other sources of discount had been opened to you of which you did not choose to avail yourself.

If you will refer to my letter of Nov. 1st, you will find that I wrote "The Company is entitled to receive nearly \$40,000.00 additional paper", and asked "If Pilling & Crane were prepared to issue this paper in case it could be placed".

Nov. 3d, you stated "Pilling & Crane have no objections to issuing additional paper against shipments if it can be taken care of".

Mr. W.C.P. ....2. 12/29/08.

Nov. 18th, I wrote you that "Union National Bank, Newark, could take \$25,000.00 to \$30,000.00 of the paper."

Dec. 4th, I wrote "In view of the situation could it not be well to avail ourselves of the opening in Newark and be in a position to pay bills promptly".

Dec. 5th, you wrote "It looks to me as though with the reduction of shipments of cement "That our line of discounts here will be fully equal to our demands."

Dec. 7th, I wrote "I beg to refer you to Mr. Pillings letter of Dec. 5th in which he states your Philadelphia line of discounts will be fully equal to your probable payments. No doubt Mr. Pillings has in mind just how he is going to handle the matter of payments."

Dec. 8th, you state "My letter 5th was not intended to be construed as you seem to understand it. What we intended to say was that with the limited market for cement during the winter the present line of discount would be sufficient to take care of all the paper which would probably be issued against these deliveries etc."

Dec. 14th, I wrote "With sources of money open to us and more paper due the Company than has been issued, (My recollection is that when figures were last given me the Company was entitled to nearly \$40,000.00 additional paper), it would seem that funds are available to take care of the pressing accounts."

Dec. 18th, you wrote "No authority to open an account at Newark unless so instructed by Board of Directors."

Dec. 16th, I wrote "Newark Bank matter could have been brought up at last Directors' meeting, there is hardly any doubt

"R. B. P. .... 3. 12/20/08.

Directors would approve your action in opening up a new source of discounts" to which we might have added a majority of the board could have been reached by phone or mail in a day or so.

Dec. 19th, we wrote "The way has been opened up to you to get in discounts up to \$50,000.00 to the best of our knowledge there is still due the Company, under the agreement, paper for shipments made, and that you are unable to make prompt payments because you do not choose to avail yourself of the opening that has been made for you, the responsibility is entirely up to you".

Therefore, I state that your remarks yesterday did not give the Directors the real condition of finances, for with the \$40,000.00 additional paper due the Company, and the \$20,000.00 which you were unable to rediscount at Girard National Bank, all of which I believe could have been placed with a proper effort; the Company would have had over \$60,000.00 additional cash, which would more than pay all pressing accounts and made the situation easier all along the line.

I did not take issue with you yesterday on this matter as I did not have copies of my letters and wanted to be sure of my position and figures, besides I fully expected you would bring the matter up, hence this letter of today, copy of which I am sending to the Directors who were present when you made your statement as to financial condition.

Yours very truly,

"R. B. P. .... 3.

V.P.

*see  
building*

COPY

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

12/30/05.

Mr. W. S. Mallory, V. P.,

Stewartsville, N. J.

Dear Sir :

We have your favor of the 29th instant, which no doubt you think conclusive, but there are some points which are quite important and which you have not taken into account.

In the first place, you seem to think that because there is a certain amount standing on the books, a corresponding amount of paper can at once be placed. We had no means of knowing that the Girard National Bank would not continue the paper, as the expectation was that they would not only continue it, but probably take more. Besides this, only \$15,000 of this paper has been paid off - not \$25,000 as you state, and Mr. Miller tells us that the Girard Bank will probably take this \$15,000 next week. You also do not seem to bear in mind the arrangement which we have made with the Easton Trust Co. to discount \$25,000 of our paper. If you will therefore take the \$80,000 placed in the Manufacturers' and Franklin Banks and the \$25,000 which will probably be carried in the Girard Bank, and \$25,000 at Easton, making a total of \$130,000, there will probably be more facility for discount than the amount of Pilling & Crane paper which the Company will hold.

You seem to lose sight entirely of the returning bags. These represent nearly one-third of the total outstanding balance and are not paid for, as a rule, by the customers, and when they

COPY  
W.S.M.

- 2

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

are returned, of course the Company must credit the amount represented by these bags. This amount in December alone is over \$15,000, and as these bags are now coming back in large quantities, requiring daily large credits, we are quite certain, as above stated, that the amount of paper which can be discounted will no doubt be taken care of.

You will also remember stating that the Newark Bank said that if we discounted with them, they would expect a balance of about \$5000., and I can see no object in paying 6% for money to the extent of \$15,000, if only \$10,000 of it will be available. This makes the rate 8 or 9%. Fortunately for us, our present lines of discounts are in banks which do not require balances. You were quite at liberty to mention the whole matter to the Board, and I am sorry that you did not do so, as this explanation would then have been brought out.

The Cement Co. now has several notes which cannot be discounted at the moment but which we hope to have discounted next week. This will correspondingly relieve the situation, but, as already stated, we still think that the finances are in bad shape, but our directors have been so pushed for money that we do not feel justified in continuing any undue pressure in that direction. It is needless to refer to past history, which would very readily explain the present financial stringency. If the estimates made for financial requirements had been even approximately correct, the Company would be easy, financially, with a good working capital. You will recognize that we do not care to have our paper

COPY

W.S.M.

-

3

PILLING & CRANE,  
GIRARD BUILDING,  
BROAD & CHESTNUT STREETS  
PHILADELPHIA.

sent to banks who do not know us. It is necessary that our credit shall be maintained, and we do not think it wise to issue any amount of paper without due regard ~~to~~<sup>for</sup> ordinary business caution, and if the banks we are now dealing with will probably take care of all the paper to which the company is entitled, we prefer not to open up fresh channels, but this is for the Board of Directors to decide.

Since you thought it wise to send a copy of your letter to the directors, I am of course constrained to send them a copy of this reply.

Wishing you the compliments of the season, I am

Yours very truly,

W.S.P.

Treasurer.

[ATTACHMENT]

Philadelphia, December 30, 1905.

The following figures represent the status of account between the Edison Portland Cement Company and Messrs. Pilling & Crane, December 31st, 1905:

The total outstanding accounts	\$130,258.87
Ninety (90%) per cent of the above	117,000.00
This balance represents the total amount due, including bags.	
The value of these bags is about	30,000.00
so that the amount to be collected is, in round numbers,	100,000.00

Advances of Pilling & Crane to the Edison Portland Cement Company are as follows:

Notes discounted, Franklin National Bank,	\$ 50,000.00
" " , Manufacturers National Bank,	30,000.00
" " , Girard National Bank,	10,000.00
" " , Easton Trust Company,	10,000.00
Notes held by Company to be discounted in Girard Bank	10,000.00
Total	\$110,000.00
Notes available for discount, Girard Bank,	5,000.00
Total paper	\$115,000.00
Due Pilling & Crane, other accounts than advances	4,900.00
Total	\$119,900.00

As returned bags are not an asset to Pilling & Crane but must be credited by the Cement Company to customers, it will be seen that the net advances amount to about \$20,000.00 more than the amount which will be collected from customers. Even assuming that the cement bags are an asset, the advances made fully cover ninety (90%) per cent of the entire value of all shipments to date, including packages. It will be seen, therefore, that the agreement regarding advances has been faithfully carried out.

Mr. E. C. Miller expects to place with the Girard National Bank the paper now held which they temporarily could not take.

All the above paper is discounted with banks who do not require the Cement Company to keep large balances. In fact, practically no balances are maintained in any of these banks and at the Girard Bank, the Company does not keep any account.





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**END**

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